

## DATA SUMMARY PACKAGE CHECKLIST

|   |                        |   |
|---|------------------------|---|
| SDG #: 081201645  | Sample IDs: AL20816-35 | Date: Jan 8, 2009                             |
| Analytical Method: EPA SW 846<br>8082   | Number of Samples: 20  | Matrix: Soil/Plainwell<br>TCRA 12/11/08       |
| Present   |                        | Package Attestation Documentation             |
| Present   |                        | Package Narrative                             |
| Present-  |                        | Field Chain-of-Custody Recc                   |
| GC sheet 8082- Re-extracted sample AL20832 exceeded extraction holding time by two days—see qualification explanation for holding times.  |                        | GC Extraction Log                             |
| Present   |                        | Compound Identification (FORM I)              |
| Present   |                        | Compound Quantitation                         |
| Present-Two performed in control.   |                        | Laboratory Control Spike Summary              |
| Present- Both surrogates were flagged as diluted out in 5 samples and the MS/MSD in this batch due to high PCB concentrations in the samples or added to the samples.   |                        | Surrogate Recovery Summar                     |
| Present- One MS/MSD was analyzed with this batch and the recoveries and RPD were within QC limits. The surrogates were flagged as diluted for the MS and MSD due to the high concentration of PCB added to the samples. The surrogate recoveries were within the QC limits but due to dilution the concentrations were below the calibration limits. No qualification is necessary. |                        | MS/MSD Summary                                |
| Present-NA  |                        | Duplicate Summary                             |
| Present-NA  |                        | Standards Summary Tables (FORM VII)           |
| Present-Form 6F-1   |                        | Initial Instrument Calibration (FORM VI)      |
| Present- Form 7E-1 and 7E-2   |                        | Continuing Calibration Checl Standard Summary |
| Present-NA  |                        | Check Standards                               |
| Present- Two performed in control-all Aroclors < PQL  |                        | Laboratory Blanks/Method Blank                |
| Present   |                        | Sample Chromatograms                          |
| Present   |                        | QC Raw Data                                   |
| Present   |                        | Sample GC Injection Log                       |

Comments: In all samples when detected, Aroclors 1242, 1254 and 1260 were flagged to denote an altered chromatographic pattern and were reported as best Aroclor matches. Aroclor 1248 is flagged when detected because it is not actually present in the samples but is reported to better quantify total PCB present in environmentally altered samples. Sample AL20832 was re-extracted due to low surrogate recovery and the re-extraction was two days out of holding time. Both surrogates were flagged as diluted out for samples AL20825-27, 34, 35 and the MS/MSD (AL20818M, K) due to high concentrations of PCB in or added to the samples. No qualification necessary. The field duplicate and sample had no Aroclors detected above the PQL and one Aroclor detected at 0.173 ug/g, respectively, which is just above the PQL for that sample. No RPD was calculated however agreement between the two is acceptable.

REVIEWER Wandy J. John

DATE: 1/19/09

**DATA SUMMARY PACKAGE FOR**

**CAMP DRESSER & MCKEE  
1 WOODWARD AVENUE  
DETROIT, MICHIGAN 48226**

**ANALYTICAL METHOD:**

**SW-846 METHOD 8082 (PCB)**

**DATE: January 8, 2009-D**

**LRF: 08120165**

**PROVIDED BY : NORTHEAST ANALYTICAL, INC.  
2190 TECHNOLOGY DRIVE  
SCHENECTADY, NEW YORK 12308  
518-346-4592**

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# **Attestations**

**Attestations:**

The following have been directly involved in the preparation of the sample data contained herein and in the preparation of the associated data summary report.

SAMPLE CUSTODIAN: Adam Moore

SAMPLE PREPARATION CHEMIST: Carrie Barss

GC ANALYST:  
(PCB) Anthony Maiello

QA/QC OFFICER: Christina Braidwood

LAB DIRECTOR: Robert E. Wagner

# **Case Narrative**

January 8, 2009

## CASE NARRATIVE

This data summary package is comprised of sediment and soil samples received for analysis on December 18, 2008 (Assigned Sample Delivery Group: 08120165). The samples are from Project Name: Plainwell Dam #2 Investigation. The samples were collected by Camp, Dresser & McKee (CDM) on December 11, 2008. Samples were delivered to Northeast Analytical, Inc. (NEA) by FedEx courier service. All samples were received at the laboratory intact and within holding times.

This sample delivery group consists of the following samples:

| <u>NEA Sample ID:</u> | <u>Client Sample ID:</u> |
|-----------------------|--------------------------|
| AL20816               | P2SD-26A-01              |
| AL20817               | P2SD-26B-01              |
| AL20818               | P2SD-26C-01              |
| AL20819-              | P2SD-26B-03              |
| AL20820               | P2SD-27A-01              |
| AL20821               | P2SL-28A-01              |
| AL20822               | P2SL-28B-01              |
| AL20823               | P2SD-29A-01              |
| AL20824               | P2SD-29B-01              |
| AL20825               | P2SD-30A-01              |
| AL20826               | P2SD-30B-01              |
| AL20827               | P2SL-31A-01              |
| AL20828               | P2SD-32A-01              |
| AL20829               | P2SD-33A-01              |
| AL20830               | P2SD-33B-01              |
| AL20831               | P2SD-34A-01              |
| AL20832               | P2SD-34B-01              |
| AL20833               | P2SD-35A-01              |
| AL20834               | P2SL-36A-01              |
| AL20835               | P2SL-36B-01              |

### PCB Aroclor Analysis

Analysis for PCB Aroclors was performed by EPA Method 8082 single column GC analysis. The Accelerated Solvent Extraction Method (EPA Method 3545) was employed for the sediment and soil samples. The following technical and administrative items were noted for the analysis:

1. The concentration results for Aroclor 1242 was flagged to denote that an altered Aroclor pattern was observed for several samples. Please see Form 1 for details.
2. The concentration results for Aroclor 1248 was flagged to denote that an altered Aroclor pattern was observed for two samples (NEA ID: AL20822 and AL20828). Please see Form 1 for details.
3. The concentration results for Aroclor 1254 was flagged to denote that an altered Aroclor pattern was observed for several samples. Please see Form 1 for details.
4. The concentration results for Aroclor 1260 was flagged to denote that an altered Aroclor pattern was observed for two samples (NEA ID: AL20831 and AL20833). Please see Form 1 for details.
5. The percent recovery for the TCMX and DCBP surrogates was diluted out for the Matrix Spike and the Matrix Spike Duplicate (NEA ID: AL20818M and AL20818K) samples due to high PCB concentration in the samples. Please see Form 2 for details.

6. The percent recovery for the TCMX and DCBP surrogates was diluted out for several samples (NEA ID: AL20825-27, AL20834 and AL20835) due to the high PCB concentration in the samples. Please see Form 2 for details.
7. The sample P25D-34B-01 (NEA ID: AL20832) was re-extracted/analyzed due to low surrogate recovery. The sample is included in this data package with a suffix of RE1 added to the file ID. Please see Form 1 for details. The re-extraction exceeded the extraction hold time.

Form -1 Qualifier Summary PCB Analysis:

J-Denotes concentration result greater than the MDL but less than the PQL

B-Denotes analyte observed in associated method blank at a concentration exceeding the PQL

U-Denotes analyte not observed at a concentration greater than the PQL

Respectfully submitted,



Christina L. Braidwood  
Quality Assurance Officer  
S:\LabData\DataPackages\CASEN\CASEN2008\08120165A.doc

# **Sample Chain Of Custody**

## CHAIN OF CUSTODY RECORD

## NORTHEAST ANALYTICAL, INC.

2190 Technology Drive, Schenectady, NY 12308  
 Telephone (518) 346-4592 Fax (518) 381-6055  
[www.nealab.com](http://www.nealab.com)

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&lt;08120165P1&gt;

LRF #



081201651

## DISPOSAL REQUIREMENTS: (To be filled in by Client)



RETURN TO CLIENT  
 DISPOSAL BY NORTHEAST ANALYTICAL  
 ARCHIVAL BY NORTHEAST ANALYTICAL

Additional charges incurred for disposal (if hazardous) or archival. Call for details.

| CLIENT (REPORTS TO BE SENT TO):  |                               |  |  | PROJECT/PROJECT NAME:  |                                  | ENTER ANALYSIS AND METHOD NUMBER REQUESTED |  |  |  |  |  |  |  |  |  |                              |  |
|--|-------------------------------|--|--|--|----------------------------------|--|--|--|--|--|--|--|--|--|--|------------------------------|--|
| PROJECT MANAGER:   |                               | PROJECT LOCATION (CITY/STATE) ADDRESS:   |  | PRESERVATIVE CODE: <u>O</u><br>BOTTLE TYPE: <u>Glass</u><br>BOTTLE SIZE: <u>Four</u> |                                  |  |  |  |  |  |  |  |  | PRESERVATIVE KEY   |  |                              |  |
| PHONE: <u>Scars</u>  |                               | REQUIRED TURN AROUND TIME: <u>48 hrs</u> |  |  |                                  |  |  |  |  |  |  |  |  | 0 - NONE<br>1 - HCL<br>2 - HNO3<br>3 - H2SO4<br>4 - NaOH<br>5 - Zn. Acetate<br>6 - MeOH<br>7 - NaHSO4<br>8 - Other _____ |  |                              |  |
| SAMPLED BY: (Please Print)   |                               |  |  | NAME OF COURIER (IF USED):   |                                  |  |  |  |  |  |  |  |  |  |  |                              |  |
| SAMPLING FIRM:   |                               |  |  | Data Report: <input type="checkbox"/> CLP <input type="checkbox"/> Certificates Only |                                  |  |  |  |  |  |  |  |  |  |  |                              |  |
| ELECTRONIC RESULTS FORMAT: <input type="checkbox"/> PDF <input type="checkbox"/> EXCEL (.CSV) <input type="checkbox"/> |                               |  |  | E-MAIL ADDRESS:  |                                  |  |  |  |  |  |  |  |  |  |  | REMARKS: <u>PCB Analysis</u> |  |
| FAXED RESULTS <input type="checkbox"/>   |                               | FAX #: _____                             |  | LAB SAMPLE ID (NEA USE ONLY)   |                                  |  |  |  |  |  |  |  |  |  |  |                              |  |
| SAMPLE ID  | DATE                          | TIME                                     | MATRIX                                   | GRAB/COMP  | NUMBER OF CONTAINERS             |  |  |  |  |  |  |  |  |  |  |                              |  |
| P2SD-264-01  | 12/16/08                      | 0945                                     | Sediment                                 | Gng  | 1                                | X  |  |  |  |  |  |  |  |  |  |                              |  |
| P2SP-263-01  |                               | 0945                                     |  |  | 1                                | X  |  |  |  |  |  |  |  |  |  |                              |  |
| P2SD-26C-01  |                               | 0945                                     |  |  | 2                                | X  |  |  |  |  |  |  |  |  |  | <u>10/14/08 - 10/15/08</u>   |  |
| P2SD-263-03  |                               | 0945                                     |  |  | 1                                | X  |  |  |  |  |  |  |  |  |  |                              |  |
| P2SD-27A-01  |                               | 1000                                     |  |  | 1                                | X  |  |  |  |  |  |  |  |  |  |                              |  |
| P2SL-27A-01  |                               | 1005                                     | Sail                                     |  | 1                                | X  |  |  |  |  |  |  |  |  |  |                              |  |
| P2SL-27B-01  |                               | 1005                                     |  |  | 1                                | X  |  |  |  |  |  |  |  |  |  |                              |  |
| P2SD-27A-01  |                               | 1030                                     | Sediment                                 |  | 1                                | X  |  |  |  |  |  |  |  |  |  |                              |  |
| P2SD-27B-01  |                               | 1030                                     |  |  | 1                                | X  |  |  |  |  |  |  |  |  |  |                              |  |
| P2SD-30A-01  |                               | 1035                                     |  |  | 1                                | X  |  |  |  |  |  |  |  |  |  |                              |  |
| AMBIENT OR CHILLED:  | TEMP: <u>5, 0, 5, 4</u>       | COC TAPE: <u>(Y)</u> <u>N</u>            | PROPERLY PRESERVED: <u>(Y)</u> <u>N</u>  |  | OTHER NOTES: <u>PCB Analysis</u> |  |  |  |  |  |  |  |  |  |  |                              |  |
| RECEIVED BROKEN OR LEAKING:  | <u>Y</u> <u>N</u>             | COC DISCREPANCIES: <u>(Y)</u> <u>N</u>   | RECDW/HOLDING TIMES: <u>(Y)</u> <u>N</u> |  |                                  |  |  |  |  |  |  |  |  |  |  |                              |  |
| RELINQUISHED BY  | RECEIVED BY                   | RELINQUISHED BY                          | RECEIVED BY                              | RELINQUISHED BY  | RECEIVED BY                      |  |  |  |  |  |  |  |  |  |  |                              |  |
| SIGNATURE  | SIGNATURE                     | SIGNATURE                                | SIGNATURE                                | SIGNATURE  | SIGNATURE                        |  |  |  |  |  |  |  |  |  |  |                              |  |
| PRINTED NAME <u>Patricia J. Moore</u>  | PRINTED NAME <u>A. MOORE</u>  | PRINTED NAME                             | PRINTED NAME                             | PRINTED NAME   | PRINTED NAME                     |  |  |  |  |  |  |  |  |  |  |                              |  |
| COMPANY <u>Con</u>   | COMPANY <u>NEA</u>            | COMPANY                                  | COMPANY                                  | COMPANY  | COMPANY                          |  |  |  |  |  |  |  |  |  |  |                              |  |
| DATETIME <u>12/17/08 1001</u>  | DATETIME <u>12/18/08 1001</u> | DATETIME                                 | DATETIME                                 | DATETIME   | DATETIME                         |  |  |  |  |  |  |  |  |  |  |                              |  |

\* CLP LIKE DATA PACKAGE ADDITIONAL COST

## CHAIN OF CUSTODY RECORD

## NORTHEAST ANALYTICAL, INC.

2190 Technology Drive, Schenectady, NY 12308  
 Telephone (518) 346-4592 Fax (518) 381-6055  
 www.nealab.com

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LRF # <08120165P2>

081201652

## DISPOSAL REQUIREMENTS: (To be filled in by Client)

RETURN TO CLIENT  
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 ARCHIVAL BY NORTHEAST ANALYTICAL

Additional charges incurred for disposal (if hazardous) or archival. Call for details.

| CLIENT (REPORTS TO BE SENT TO):  |  |                                       |  | PROJECT/PROJECT NAME:  |               | ENTER ANALYSIS AND METHOD NUMBER REQUESTED  |                      |                  |           |               |  |                  |  |               |                  |          |                 |
|--|--|---------------------------------------|--|--|---------------|---|----------------------|------------------|-----------|---------------|--|------------------|--|---------------|------------------|----------|-----------------|
| PROJECT MANAGER:   |  |                                       |  | PROJECT LOCATION (CITY/STATE) ADDRESS:                                     |               | PRESERVATIVE CODE:  | 6                    |                  |           |               |  |                  |  |               | PRESERVATIVE KEY |          |                 |
| PHONE:   |  |                                       |  | SAMPLER P3   |               | BOTTLE TYPE:  | GC/MS                |                  |           |               |  |                  |  |               |                  | 0 - NONE |                 |
| SAMPLED BY: (Please Print)   |  |                                       |  | REQUIRED TURN AROUND TIME:   |               | BOTTLE SIZE:  | 102                  |                  |           |               |  |                  |  |               |                  | 1 - HCL  |                 |
| SAMPLING FIRM:   |  |                                       |  | NAME OF COURIER (IF USED):   |               | Data Report: <input type="checkbox"/> CLP <input type="checkbox"/> Certificates Only      |                      |                  |           |               |  |                  |  |               | 2 - HNO3         |          |                 |
| ELECTRONIC RESULTS FORMAT: <input type="checkbox"/> PDF <input type="checkbox"/> EXCEL (.CSV) <input type="checkbox"/> |  |                                       |  | E-MAIL ADDRESS:  |               | LAB SAMPLE ID<br>(NEA USE ONLY)   | NUMBER OF CONTAINERS | REMARKS:         |           |               |  |                  |  |               |                  |          | 3 - H2SO4       |
| FAXED RESULTS <input type="checkbox"/>   |  | FAX #:                                |  | DATE   | TIME          |   |                      | MATRIX           | GRAB/COMP |               |  |                  |  |               |                  |          |                 |
| <u>P2SD-36B-01</u>   |  | <u>12/16/08</u>                       |  | <u>1035</u>  | <u>Selvam</u> | <u>Cas S</u>  | <u>AL20826</u>       | <u>1</u>         | <u>X</u>  |               |  |                  |  |               |                  |          | 5 - Zn. Acetate |
| <u>P2SL-3/A-01</u>   |  |                                       |  | <u>1045</u>  | <u>Selvam</u> |   | <u>AL20827</u>       | <u>1</u>         | <u>X</u>  |               |  |                  |  |               |                  |          | 6 - MeOH        |
| <u>P2SL-32A-01</u>   |  |                                       |  | <u>1055</u>  |               | <u>1</u>  | <u>AL20828</u>       | <u>1</u>         | <u>X</u>  |               |  |                  |  |               |                  |          | 7 - NaHSO4      |
| <u>P2SD-37A-01</u>   |  |                                       |  | <u>11/0</u>  | <u>Selvam</u> |   | <u>AL20829</u>       | <u>1</u>         | <u>X</u>  |               |  |                  |  |               |                  |          | 8 - Other       |
| <u>P2SD-39B-01</u>   |  |                                       |  | <u>11/0</u>  |               | <u>1</u>  | <u>AL20830</u>       | <u>1</u>         | <u>X</u>  |               |  |                  |  |               |                  |          |                 |
| <u>P2SD-39A-01</u>   |  |                                       |  | <u>11/20</u>   |               |   | <u>AL20831</u>       | <u>1</u>         | <u>X</u>  |               |  |                  |  |               |                  |          |                 |
| <u>P2SD-39B-01</u>   |  |                                       |  | <u>11/20</u>   |               |   | <u>AL20832</u>       | <u>1</u>         | <u>X</u>  |               |  |                  |  |               |                  |          |                 |
| <u>P2SD-35A-01</u>   |  |                                       |  | <u>11/5</u>  |               | <u>1</u>  | <u>AL20833</u>       | <u>1</u>         | <u>X</u>  |               |  |                  |  |               |                  |          |                 |
| <u>P2SL-36A-01</u>   |  |                                       |  | <u>12/00</u>   | <u>Selvam</u> |   | <u>AL20834</u>       | <u>1</u>         | <u>X</u>  |               |  |                  |  |               |                  |          |                 |
| <u>P2SL-36B-01</u>   |  |                                       |  | <u>12/00</u>   | <u>Selvam</u> |   | <u>AL20835</u>       | <u>1</u>         | <u>X</u>  |               |  |                  |  |               |                  |          |                 |
| AMBIENT OR CHILLED:  |  | TEMP: <u>5, 0, 5, 4</u>               |  | COC TAPE: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |               | PROPERLY PRESERVED: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N      |                      | OTHER NOTES:     |           |               |  |                  |  |               |                  |          |                 |
| RECEIVED BROKEN OR LEAKING:  |  | Y <input checked="" type="checkbox"/> |  | COC DISCREPANCIES: Y <input checked="" type="checkbox"/> N                 |               | RECV'D W/ HOLDING TIMES: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |                      |                  |           |               |  |                  |  |               |                  |          |                 |
| RELINQUISHED BY:   |  | RECEIVED BY:                          |  | RELINQUISHED BY:   |               | RECEIVED BY:  |                      | RELINQUISHED BY: |           | RECEIVED BY:  |  | RELINQUISHED BY: |  | RECEIVED BY:  |                  |          |                 |
| SIGNATURE: <u>M. J. Moore</u>  |  | SIGNATURE: <u>A. Moore</u>            |  | SIGNATURE:   |               | SIGNATURE:  |                      | SIGNATURE:       |           | SIGNATURE:    |  | SIGNATURE:       |  | SIGNATURE:    |                  |          |                 |
| PRINTED NAME: <u>Mohamed J. Moore</u>  |  | PRINTED NAME: <u>A. Moore</u>         |  | PRINTED NAME:  |               | PRINTED NAME:   |                      | PRINTED NAME:    |           | PRINTED NAME: |  | PRINTED NAME:    |  | PRINTED NAME: |                  |          |                 |
| COMPANY: <u>NEA</u>  |  | COMPANY:                              |  | COMPANY:   |               | COMPANY:  |                      | COMPANY:         |           | COMPANY:      |  | COMPANY:         |  | COMPANY:      |                  |          |                 |
| DATE/TIME: <u>12/17/08 1900</u>  |  | DATE/TIME: <u>12/18/08 10:01</u>      |  | DATE/TIME:   |               | DATE/TIME:  |                      | DATE/TIME:       |           | DATE/TIME:    |  | DATE/TIME:       |  | DATE/TIME:    |                  |          |                 |

\* CLP LIKE DATA PACKAGE ADDITIONAL COST

# Internal Sample Tracking Record

# SOLID EXTRACTION LOG



**Prep Date: 12/19/2008**

**Batch ID: 6983**

|    | Prep ID | NEA Sample ID  | Alt Sample ID | Matrix   | pH | Analysis Required | Extract Type / Unit | Cell Num | Sample Amount (g or mL) | Extract Time On - 1 | Extract Time Off - 1 | Extract Time On - 2 | Extract Time Off - 2 | Initial for required Clean Up Steps |       |       |    | Comments |       |
|----|---------|----------------|---------------|----------|----|-------------------|---------------------|----------|-------------------------|---------------------|----------------------|---------------------|----------------------|-------------------------------------|-------|-------|----|----------|-------|
|    |         |                |               |          |    |                   |                     |          |                         |                     |                      |                     |                      | MTH                                 | MTH   | MTH   |    |          |       |
| 1  | 70495   | PBLK-29        | AL20818B      | Sediment |    | E PCB S           | ASE/ASE4            | 64       | 9.578                   | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 2  | 70496   | LCS-29         | AL20818L      | Sediment |    | E PCB S           | ASE/ASE4            | 15       | 9.823                   | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 3  | 70475   | 08120165-01    | AL20816       | Sediment |    | E PCB S           | ASE/ASE4            | 100      | 10.781                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 4  | 70476   | 08120165-02    | AL20817       | Sediment |    | E PCB S           | ASE/ASE4            | 35       | 10.857                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 5  | 70477   | 08120165-03    | AL20818       | Sediment |    | E PCB S           | ASE/ASE4            | H        | 10.327                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 7  | 70497   | 08120165-03MS  | AL20818M      | Sediment |    | E PCB S           | ASE/ASE4            | CZ       | 10.039                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 8  | 70498   | 08120165-03MSD | AL20818K      | Sediment |    | E PCB S           | ASE/ASE4            | CF       | 10.364                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 9  | 70478   | 08120165-04    | AL20819       | Sediment |    | E PCB S           | ASE/ASE4            | 49       | 10.007                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 10 | 70479   | 08120165-05    | AL20820       | Sediment |    | E PCB S           | ASE/ASE4            | AN       | 10.726                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 11 | 70480   | 08120165-06    | AL20821       | Soil     |    | E PCB S           | ASE/ASE4            | CT       | 10.222                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 12 | 70481   | 08120165-07    | AL20822       | Soil     |    | E PCB S           | ASE/ASE4            | 59       | 10.142                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 13 | 70482   | 08120165-08    | AL20823       | Sediment |    | E PCB S           | ASE/ASE4            | 30       | 10.425                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 14 | 70483   | 08120165-09    | AL20824       | Sediment |    | E PCB S           | ASE/ASE4            | L        | 10.600                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 15 | 70484   | 08120165-10    | AL20825       | Sediment |    | E PCB S           | ASE/ASE4            | AF       | 10.386                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 16 | 70485   | 08120165-11    | AL20826       | Sediment |    | E PCB S           | ASE/ASE4            | #60      | 10.713                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 17 | 70486   | 08120165-12    | AL20827       | Soil     |    | E PCB S           | ASE/ASE4            | AW       | 10.665                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 18 | 70487   | 08120165-13    | AL20828       | Soil     |    | E PCB S           | ASE/ASE4            | 40       | 10.777                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 19 | 70488   | 08120165-14    | AL20829       | Sediment |    | E PCB S           | ASE/ASE4            | J        | 10.761                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 20 | 70489   | 08120165-15    | AL20830       | Sediment |    | E PCB S           | ASE/ASE4            | 21       | 10.432                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 21 | 70490   | 08120165-16    | AL20831       | Sediment |    | E PCB S           | ASE/ASE4            | CH       | 10.055                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 22 | 70491   | 08120165-17    | AL20832       | Sediment |    | E PCB S           | ASE/ASE4            | 33       | 10.626                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 23 | 70492   | 08120165-18    | AL20833       | Sediment |    | E PCB S           | ASE/ASE4            | 8        | 10.213                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 24 | 70493   | 08120165-19    | AL20834       | Soil     |    | E PCB S           | ASE/ASE4            | DH       | 10.035                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |
| 25 | 70494   | 08120165-20    | AL20835       | Soil     |    | E PCB S           | ASE/ASE4            | 17       | 10.148                  | NA                  | NA                   | NA                  | NA                   | 12/23                               | 12/23 | 12/23 | NA | 25       | 12/23 |

**Solvent, Surrogate, Spike, and Acid Information**

| Item                                | Lot Number        | Amount (uL) | Conc (ug/mL) | B                                   | L                                   | LD                       | S                                   | D                        | M                                   | K                                   |
|-------------------------------------|-------------------|-------------|--------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|
| Hydro Matrix                        | 706150-AB         | NA          | na           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| TBA                                 | 060308MLB1P148A   | NA          | NA           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Sulfuric Acid (Main Lab)            | E49039            | NA          | NA           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Acetone (Dewar) Current             | CW981             | NA          |              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 0.5ppm TCMX / 5.0ppm DCBP in Hexane | 102108B26P65A1-10 | 500         | 0.5/5.0      | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10% Florisil (Main Lab)             | 110308MLB1P164A   | NA          |              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Hexane (Dewar) [CURRENT]            | CY047             | NA          |              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Aroclor 1242 @ 12.5PPM SPIKE        | 121608B026P101A   | 1000        | 12.5         | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| Aroclor 1242 @ 100 PPM in Hexane    | 121908B26P104A    | 500         | 100          | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

SPIKED BY: Wayne Reid

SIGNATURE:

WITNESSED BY: Craig Petrask

SIGNATURE:

Print Date: 12/23/2008

Lab Lims Version: 4.4.2.0

IGBOOK\_00.SV Rev 01, 10-20-2006, EXTRACTION

# PCB SOLID SCREEN SHEET

Batch ID: 6983

Prepared by: Wayne Reid

| NEA Sample ID  | Alt Sample ID | Matrix   | Prep Date | Wet Weight (g or mL) | Percent Solids | Dry Weight (g or mL) | Set Volume (mL) | Screen Dilution | Screen Result | Dilution Sequence | Final Multiplier |
|----------------|---------------|----------|-----------|----------------------|----------------|----------------------|-----------------|-----------------|---------------|-------------------|------------------|
| PBLK-29        | AL20818B      | Sediment | 12/19/08  | 9.578                | N/A            | 9.5780               | 25              | NA              | 0.02362541    | NA                | 25x              |
| LCS-29         | AL20818L      | Sediment | 12/19/08  | 9.823                | N/A            | 9.8230               | 25              | NA              | 0.84030912    | NA                | 25x              |
| 08120165-06    | AL20821       | Soil     | 12/19/08  | 10.222               | 48.6           | 4.9679               | 25              | 250             | 0.17484949    | 1>3               | 75x              |
| 08120165-07    | AL20822       | Soil     | 12/19/08  | 10.142               | 48.6           | 4.9290               | 25              | 250             | 0.02628947    | NA                | 25x              |
| 08120165-12    | AL20827       | Soil     | 12/19/08  | 10.665               | 61.7           | 6.5803               | 25              | 250             | 0.51948253    | 1>10              | 250x             |
| 08120165-13    | AL20828       | Soil     | 12/19/08  | 10.777               | 63.0           | 6.7895               | 25              | 250             | 0.02972284    | NA                | 25x              |
| 08120165-19    | AL20834       | Soil     | 12/19/08  | 10.035               | 48.7           | 4.8870               | 25              | 250             | 1.74479471    | 1>10 3>9          | 750x             |
| 08120165-20    | AL20835       | Soil     | 12/19/08  | 10.148               | 42.1           | 4.2723               | 25              | 250             | 1.81015075    | 1>10 1>4          | 1000x            |
| 08120165-01    | AL20816       | Sediment | 12/19/08  | 10.781               | 41.7           | 4.4957               | 25              | 250             | 0.02522775    | NA                | 25x              |
| 08120165-02    | AL20817       | Sediment | 12/19/08  | 10.857               | 47.0           | 5.1028               | 25              | 250             | 0.01498388    | NA                | 25x              |
| 08120165-03    | AL20818       | Sediment | 12/19/08  | 10.327               | 41.3           | 4.2651               | 25              | 250             | 0.02784877    | NA                | 25x              |
| 08120165-03MS  | AL20818M      | Sediment | 12/19/08  | 10.039               | 41.3           | 4.1461               | 25              | 250             | 0.30759723    | 1>6               | 150x             |
| 08120165-03MSD | AL20818K      | Sediment | 12/19/08  | 10.364               | 41.3           | 4.2803               | 25              | 250             | 0.31063915    | 1>6               | 150x             |
| 08120165-04    | AL20819       | Sediment | 12/19/08  | 10.007               | 46.2           | 4.6232               | 25              | 250             | 0.01383593    | NA                | 25x              |
| 08120165-05    | AL20820       | Sediment | 12/19/08  | 10.726               | 46.1           | 4.9447               | 25              | 250             | 0.02402948    | NA                | 25x              |
| 08120165-08    | AL20823       | Sediment | 12/19/08  | 10.425               | 47.3           | 4.9310               | 25              | 250             | 0.02039493    | NA                | 25x              |
| 08120165-09    | AL20824       | Sediment | 12/19/08  | 10.600               | 43.0           | 4.5580               | 25              | 250             | 0.02437864    | NA                | 25x              |
| 08120165-10    | AL20825       | Sediment | 12/19/08  | 10.386               | 41.3           | 4.2894               | 25              | 250             | 1.50794661    | 1>10 3>9          | 750x             |
| 08120165-11    | AL20826       | Sediment | 12/19/08  | 10.713               | 46.2           | 4.9494               | 25              | 250             | 1.37638389    | 1>10 3>9          | 750x             |
| 08120165-14    | AL20829       | Sediment | 12/19/08  | 10.761               | 35.6           | 3.8309               | 25              | 250             | 0.02150562    | NA                | 25x              |
| 08120165-15    | AL20830       | Sediment | 12/19/08  | 10.432               | 47.8           | 4.9865               | 25              | 250             | 0.01363535    | NA                | 25x              |
| 08120165-16    | AL20831       | Sediment | 12/19/08  | 10.055               | 41.4           | 4.1628               | 25              | 250             | 0.10652946    | 2>4               | 50x              |
| 08120165-17    | AL20832       | Sediment | 12/19/08  | 10.626               | 53.6           | 5.6955               | 25              | 250             |               | RE-EXTRACTED      |                  |
| 08120165-18    | AL20833       | Sediment | 12/19/08  | 10.213               | 47.2           | 4.8205               | 25              | 250             | 0.09187313    | 2>4               | 50x              |

Solvent, Surrogate, Spike, and Acid Information

B = Blank, L = Lab Control Spike, LD = Lab Control Spike Duplicate, S = Sample, D = Duplicate, M = Matrix Spike, K = Matrix Spike Duplicate

| Item                                 | Lot Number        | Amount (uL) | Conc (ug/mL) | B                                   | L                                   | LD                       | S                                   | D                        | M                                   | K                                   |
|--------------------------------------|-------------------|-------------|--------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|
| Hydro Matrix                         | 706150-AB         | NA          | na           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| TBA                                  | 060308MLB1P148A   | NA          | NA           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Sulfuric Acid (Main Lab)             | E49039            | NA          | NA           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Acetone (Dewar) Current              | CW981             | NA          |              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 0.5ppm TC MX / 5.0ppm DCBP in Hexane | 102108B26P65A1-10 | 500         | 0.5/5.0      | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10% Florisil (Main Lab)              | 110308MLB1P164A   | NA          |              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Hexane (Dewar) [CURRENT]             | CY047             | NA          |              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Aroclor 1242 @ 12.5PPM SPIKE         | 121608B026P101A   | 1000        | 12.5         | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| Aroclor 1242 @ 100 PPM in Hexane     | 121908B26P104A    | 500         | 100          | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

COMMENTS: \_\_\_\_\_

## SOLID EXTRACTION LOG



Prep Date: 12/26/2008

Batch ID: 7019

|   | Prep ID | NEA Sample ID  | Alt Sample ID | Matrix   | pH | Analysis Required | Extract Type / Unit | Cell Num | Sample Amount (g or mL) | Extract Time On - 1 | Extract Time Off - 1 | Extract Time On - 2 | Extract Time Off - 2 | Initial for required Clean Up Steps |       |       |    | Final Ext. Vol (mL) | Date Conc (MM/DD) | Comments |
|---|---------|----------------|---------------|----------|----|-------------------|---------------------|----------|-------------------------|---------------------|----------------------|---------------------|----------------------|-------------------------------------|-------|-------|----|---------------------|-------------------|----------|
|   |         |                |               |          |    |                   |                     |          |                         |                     |                      |                     |                      | MTH                                 | MTH   | MTH   |    |                     |                   |          |
| 1 | 70868   | PBLK-53        | AL20797B      | Soil     |    | E PCB S           | ASE/ASE2            | au       | 9.113                   | NA                  | NA                   | NA                  | NA                   | 12/29                               | 12/29 | 12/29 | NA | 25                  | 12/29             |          |
| 2 | 70869   | LCS-53         | AL20797L      | Soil     |    | E PCB S           | ASE/ASE2            | 62       | 9.497                   | NA                  | NA                   | NA                  | NA                   | 12/29                               | 12/29 | 12/29 | NA | 25                  | 12/29             |          |
| 4 | 70870   | 08120165-17RE1 | AL20832RE1    | Sediment |    | E PCB S           | ASE/ASE2            | lisa     | 10.133                  | NA                  | NA                   | NA                  | NA                   | 12/29                               | 12/29 | 12/29 | NA | 25                  | 12/29             |          |

## Solvent, Surrogate, Spike, and Acid Information

| Item                                | Lot Number        | Amount (uL) | Conc (ug/mL) | B                                   | L                                   | LD                       | S                                   | D                        | M                        | K                        |
|-------------------------------------|-------------------|-------------|--------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Hydro Matrix                        | 706150-AB         | NA          | na           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| TBA                                 | 060308MLB1P148A   | NA          | NA           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Sulfuric Acid (Main Lab)            | E49039            | NA          | NA           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Acetone (Dewar) Current             | CW981             | NA          |              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 0.5ppm TCMX / 5.0ppm DCBP in Hexane | 102108B26P65A1-10 | 500         | 0.5/5.0      | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10% Florisil (Main Lab)             | 110308MLB1P164A   | NA          |              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Hexane (Dewar) [CURRENT]            | CY047             | NA          |              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Aroclor 1242 @ 12.5PPM SPIKE        | 121608B026P101A   | 1000        | 12.5         | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

SPIKED BY: Timothy Holton

SIGNATURE:

WITNESSED BY: Jill Grygas

SIGNATURE:

# PCB SOLID SCREEN SHEET

Batch ID: 7019

Prepared by: Jill Grygas

| NEA Sample ID | Alt Sample ID | Matrix   | Prep Date | Wet Weight (g or mL) | Percent Solids | Dry Weight (g or mL) | Set Volume (mL) | Screen Dilution | Screen Result | Dilution Sequence | Final Multiplier |
|---------------|---------------|----------|-----------|----------------------|----------------|----------------------|-----------------|-----------------|---------------|-------------------|------------------|
| PBLK-53       | AL20797B      | Soil     | 12/26/08  | 9.113                | N/A            | 9.1130               | 25              | NA              | 0.02877383    | NA                | 25x              |
| LCS-53        | AL20797L      | Soil     | 12/26/08  | 9.497                | N/A            | 9.4970               | 25              | NA              | 0.70778471    | NA                | 25x              |
| 08120165-17   | AL20832RE1    | Sediment | 12/26/08  | 10.133               | 53.6           | 5.4313               | 25              | 250             | 0.00904146    | NA                | 25x              |

Solvent, Surrogate, Spike, and Acid Information

B = Blank, L = Lab Control Spike, LD = Lab Control Spike Duplicate, S = Sample, D = Duplicate, M = Matrix Spike, K = Matrix Spike Duplicate

| Item                                | Lot Number        | Amount (uL) | Conc (ug/mL) | B                                   | L                                   | LD                       | S                        | D                        | M                        | K                        |
|-------------------------------------|-------------------|-------------|--------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                                     |                   |             |              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Hydro Matrix                        | 706150-AB         | NA          | na           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| TBA                                 | 060308MLB1P148A   | NA          | NA           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Sulfuric Acid (Main Lab)            | E49039            | NA          | NA           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Acetone (Dewar) Current             | CW981             | NA          |              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 0.5ppm TCMX / 5.0ppm DCBP in Hexane | 102108B26P65A1-10 | 500         | 0.5/5.0      | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 10% Florisil (Main Lab)             | 110308MLB1P164A   | NA          |              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Hexane (Dewar) [CURRENT]            | CY047             | NA          |              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Aroclor 1242 @ 12.5PPM SPIKE        | 121608B026P101A   | 1000        | 12.5         | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

COMMENTS: \_\_\_\_\_

# Surrogate % Recovery Summary

**2F-1**  
**PCB SURROGATE RECOVERY**

Laboratory Name: Northeast Analytical, Inc.

SDG: 08120165

ELAP ID No: 11078

GC Column (1): J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

GC Column (2): NA

| LRF ID         | LAB SAMPLE ID | LAB FILE ID  | SURR 1<br>(Col 1)<br>% REC # | SURR 2<br>(Col 1)<br>% REC # | OTHER<br>(1) | OTHER<br>(2) | TOTAL OUT |
|----------------|---------------|--------------|------------------------------|------------------------------|--------------|--------------|-----------|
| PBLK-53        | AL20797B      | GC20F-327-12 | 67.8                         | 71.9                         |              |              | 0         |
| PBLK-29        | AL20818B      | GC20F-326-37 | 88.2                         | 95.1                         |              |              | 0         |
| LCS-53         | AL20797L      | GC20F-327-13 | 86.7                         | 103                          |              |              | 0         |
| LCS-29         | AL20818L      | GC20F-326-38 | 89.6                         | 97.6                         |              |              | 0         |
| 08120165-01    | AL20816       | GC20F-326-39 | 96.2                         | 102                          |              |              | 0         |
| 08120165-02    | AL20817       | GC20F-326-40 | 86.1                         | 95.6                         |              |              | 0         |
| 08120165-03    | AL20818       | GC20F-326-41 | 91.7                         | 96.9                         |              |              | 0         |
| 08120165-04    | AL20819       | GC20F-326-44 | 80.2                         | 86.4                         |              |              | 0         |
| 08120165-05    | AL20820       | GC20F-326-45 | 77.3                         | 85.1                         |              |              | 0         |
| 08120165-06    | AL20821       | GC20F-326-47 | 75.3                         | 89.2                         |              |              | 0         |
| 08120165-07    | AL20822       | GC20F-326-48 | 83.8                         | 91.4                         |              |              | 0         |
| 08120165-08    | AL20823       | GC20F-326-49 | 85.6                         | 89.4                         |              |              | 0         |
| 08120165-09    | AL20824       | GC20F-326-50 | 113                          | 94.9                         |              |              | 0         |
| 08120165-10    | AL20825       | GC20F-326-51 | 6.10 D                       | 33.4 D                       |              |              | 0         |
| 08120165-11    | AL20826       | GC20F-326-52 | 0.84 D                       | 44.0 D                       |              |              | 0         |
| 08120165-12    | AL20827       | GC20F-326-53 | 72.0 D                       | 83.8 D                       |              |              | 0         |
| 08120165-13    | AL20828       | GC20F-326-54 | 86.1                         | 92.7                         |              |              | 0         |
| 08120165-14    | AL20829       | GC20F-326-55 | 82.5                         | 84.8                         |              |              | 0         |
| 08120165-15    | AL20830       | GC20F-326-57 | 75.0                         | 84.5                         |              |              | 0         |
| 08120165-16    | AL20831       | GC20F-326-58 | 78.1                         | 86.7                         |              |              | 0         |
| 08120165-17RE1 | AL20832RE1    | GC20F-327-15 | 87.6                         | 99.1                         |              |              | 0         |
| 08120165-18    | AL20833       | GC20F-326-59 | 79.8                         | 85.9                         |              |              | 0         |
| 08120165-19    | AL20834       | GC20F-326-60 | 0 D                          | 64.8 D                       |              |              | 0         |
| 08120165-20    | AL20835       | GC20F-326-61 | 0 D                          | 3.77 D                       |              |              | 0         |
| 08120165-03MS  | AL20818M      | GC20F-326-42 | 70.1 D                       | 84.0 D                       |              |              | 0         |
| 08120165-03MSD | AL20818K      | GC20F-326-43 | 77.2 D                       | 86.5 D                       |              |              | 0         |

# Column to be used to flag recovery values

Advisory QC Limits.

SURR1 = TETRACHLORO-META-XYLENE (60-140)  
 SURR2 = DECACHLOROBIPHENYL (60-140)

# **Matrix Spike/Matrix Spike Duplicate Summary**

**3F-1**  
**MATRIX SPIKE (MS) / MATRIX SPIKE DUPLICATE (MSD) RECOVERY**

|                     |                            |  |
|---------------------|----------------------------|--|
| Laboratory Name:    | Northeast Analytical, Inc. |  |
| ELAP ID No:         | 11078                      | SDG No: 08120165                         |
| MS LRF ID:          | 08120165-03MS              | MSD LRF ID: 08120165-03MSD               |
| MS Lab File ID:     | GC20F-326-42               | MSD Lab File ID: GC20F-326-43            |
| MS Sample Inj Date: | 12/27/2008 08:53:35        | MSD Sample Inj Date: 12/27/2008 09:26:11 |
| MS Lab Sample ID:   | AL20818M                   | MSD Lab Sample ID: AL20818K              |
|                     |                            | Sample ID: AL20818                       |

| COMPOUND     | SPIKE ADDED<br>(ug/g) | SAMPLE CONCENTRATION<br>(ug/g) | MS CONCENTRATION<br>(ug/g) | MS PERCENT RECOVERY # | QC LIMITS <sup>1</sup> PERCENT RECOVERY |
|--------------|-----------------------|--------------------------------|----------------------------|-----------------------|---|
| Aroclor 1242 | 12.1                  | 0                              | 10.1                       | 83.6                  | (70.0-130)                              |

| COMPOUND     | SPIKE ADDED<br>(ug/g) | MSD CONCENTRATION<br>(ug/g) | MSD PERCENT RECOVERY # | RPD # | QC LIMITS <sup>1</sup> RPD REC |
|--------------|-----------------------|-----------------------------|------------------------|-------|--------------------------------|
| Aroclor 1242 | 11.7                  | 11.2                        | 96.3                   | 14.1  | 20 (70.0-130)                  |

# Column to be used to flag recovery values

\* Values outside of QC limits

<sup>1</sup> QC Limits based upon laboratory defaults.

Spike Recovery: 0 out of 2 outside limits.

RPD: 0 out of 1 outside limits.

COMMENTS:

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# Laboratory Control Spike Summary

**3F-2**  
**LABORATORY CONTROL SPIKE (LCS) RECOVERY**

Laboratory Name: Northeast Analytical, Inc.

|                |                     |                         |                     |
|----------------|---------------------|-------------------------|---------------------|
| ELAP ID No:    | 11078               | SDG No:                 | 08120165            |
| LCS ID:        | LCS-29              | Blank Sample ID:        | PBLK-29             |
| LCS File ID:   | GC20F-326-38        | Method Blank File ID:   | GC20F-326-37        |
| LCS Inj Date:  | 12/27/2008 06:43:12 | Method Blank Inj Date:  | 12/27/2008 06:10:36 |
| LCS NEA ID No: | AL20818L            | Method Blank NEA ID No: | AL20818B            |

| COMPOUND     | SPIKE ADDED<br>(ug/g) | LCS CONCENTRATION<br>(ug/g) | LCS PERCENT RECOVERY # | QC LIMITS <sup>1</sup> PERCENT RECOVERY |
|--------------|-----------------------|-----------------------------|------------------------|---|
| Aroclor 1242 | 1.27                  | 1.08                        | 85.2                   | 70.0-130                                |

# Column to be used to flag recovery values

<sup>1</sup>QC Limits based upon laboratory defaults.

\* Values outside of QC limits

Spike Recovery: 0 out of 1 outside limits.

COMMENTS:

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**3F-2**  
**LABORATORY CONTROL SPIKE (LCS) RECOVERY**

Laboratory Name: Northeast Analytical, Inc.

ELAP ID No: 11078  
LCS ID: LCS-53  
LCS File ID: GC20F-327-13  
LCS Inj Date: 12/29/2008 13:26:27  
LCS NEA ID No: AL20797L

SDG No: 08120165  
Blank Sample ID: PBLK-53  
Method Blank File ID: GC20F-327-12  
Method Blank Inj Date: 12/29/2008 12:53:50  
Method Blank NEA ID No: AL20797B

| COMPOUND     | SPIKE ADDED<br>(ug/g) | LCS CONCENTRATION<br>(ug/g) | LCS PERCENT RECOVERY # | QC LIMITS <sup>1</sup> PERCENT RECOVERY |
|--------------|-----------------------|-----------------------------|------------------------|---|
| Aroclor 1242 | 1.32                  | 1.16                        | 88.3                   | 70.0-130                                |

# Column to be used to flag recovery values

<sup>1</sup>QC Limits based upon laboratory defaults.

\* Values outside of QC limits

Spike Recovery: 0 out of 1 outside limits.

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# **Method Blank Summary**

**4C-1**  
**PCB METHOD BLANK SUMMARY**

|                  |   |                         |              |
|------------------|---|-------------------------|--------------|
| Laboratory Name: | Northeast Analytical, Inc.                        | SDG No:                 | 08120165     |
| ELAP ID No:      | 11078   | Blank Sample ID:        | PBLK-29      |
| Matrix:          | SODIUM SULFATE                                    | Method Blank Nea ID No: | AL20818B     |
| Instrument ID:   | GC20F   | Lab File ID:            | GC20F-326-37 |
| Extraction Type: | Accelerated Solvent Extraction                    | Date Extracted:         | 12/19/2008   |
| GC Column (1):   | J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm | Date Analyzed:          | 12/27/2008   |
|                  |   | Time Analyzed:          | 06:10:36     |

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES AND QC:

| CLIENT<br>SAMPLE ID | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE / TIME<br>ANALYZED |
|---------------------|------------------|----------------|-------------------------|
| LAB CONTROL SPIKE   | AL20818L         | GC20F-326-38   | 12/27/2008 06:43:12     |
| P2SD-26A-01         | AL20816          | GC20F-326-39   | 12/27/2008 07:15:48     |
| P2SD-26B-01         | AL20817          | GC20F-326-40   | 12/27/2008 07:48:24     |
| P2SD-26C-01         | AL20818          | GC20F-326-41   | 12/27/2008 08:21:00     |
| P2SD-26C-01 MS      | AL20818M         | GC20F-326-42   | 12/27/2008 08:53:35     |
| P2SD-26C-01 MSD     | AL20818K         | GC20F-326-43   | 12/27/2008 09:26:11     |
| P2SD-26B-03         | AL20819          | GC20F-326-44   | 12/27/2008 09:58:48     |
| P2SD-27A-01         | AL20820          | GC20F-326-45   | 12/27/2008 10:31:24     |
| P2SL-28A-01         | AL20821          | GC20F-326-47   | 12/27/2008 11:36:36     |
| P2SL-28B-01         | AL20822          | GC20F-326-48   | 12/27/2008 12:09:12     |
| P2SD-29A-01         | AL20823          | GC20F-326-49   | 12/27/2008 12:41:48     |
| P2SD-29B-01         | AL20824          | GC20F-326-50   | 12/27/2008 13:14:24     |
| P2SD-30A-01         | AL20825          | GC20F-326-51   | 12/27/2008 13:47:00     |
| P2SD-30B-01         | AL20826          | GC20F-326-52   | 12/27/2008 14:19:37     |
| P2SL-31A-01         | AL20827          | GC20F-326-53   | 12/27/2008 14:52:13     |
| P2SD-32A-01         | AL20828          | GC20F-326-54   | 12/27/2008 15:24:49     |
| P2SD-33A-01         | AL20829          | GC20F-326-55   | 12/27/2008 15:57:25     |
| P2SD-33B-01         | AL20830          | GC20F-326-57   | 12/27/2008 17:02:36     |
| P2SD-34A-01         | AL20831          | GC20F-326-58   | 12/27/2008 17:35:12     |
| P2SD-35A-01         | AL20833          | GC20F-326-59   | 12/27/2008 18:07:49     |
| P2SL-36A-01         | AL20834          | GC20F-326-60   | 12/27/2008 18:40:25     |
| P2SL-36B-01         | AL20835          | GC20F-326-61   | 12/27/2008 19:13:00     |

**4C-1**  
**PCB METHOD BLANK SUMMARY**

Laboratory Name: Northeast Analytical, Inc. SDG No: 08120165  
ELAP ID No: 11078 Blank Sample ID: PBLK-53  
Matrix: SODIUM SULFATE Method Blank Nea ID No: AL20797B  
Instrument ID: GC20F Lab File ID: GC20F-327-12  
Extraction Type: Accelerated Solvent Extraction Date Extracted: 12/26/2008  
GC Column (1): J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm Date Analyzed: 12/29/2008  
Time Analyzed: 12:53:50

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES AND QC:

| CLIENT<br>SAMPLE ID | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE / TIME<br>ANALYZED |
|---------------------|------------------|----------------|-------------------------|
| LAB CONTROL SPIKE   | AL20797L         | GC20F-327-13   | 12/29/2008 13:26:27     |
| P2SD-34B-01         | AL20832RE1       | GC20F-327-15   | 12/29/2008 14:31:39     |

# Sample Analysis Data

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |             |
|-----------------------|--------------------------------|------------------|-------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165    |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-01 |
| Matrix:               | Sediment                       | Client ID:       | P2SD-26A-01 |
| Sample wt(Dry)/vol:   | 4.4957 g                       | Lab Sample ID:   | AL20816     |
| Percent Moisture:     | 58.3                           | Date Received:   | 12/18/2008  |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008  |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008  |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 1           |
|                       |                                | Sulfur Cleanup:  | YES         |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-39

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

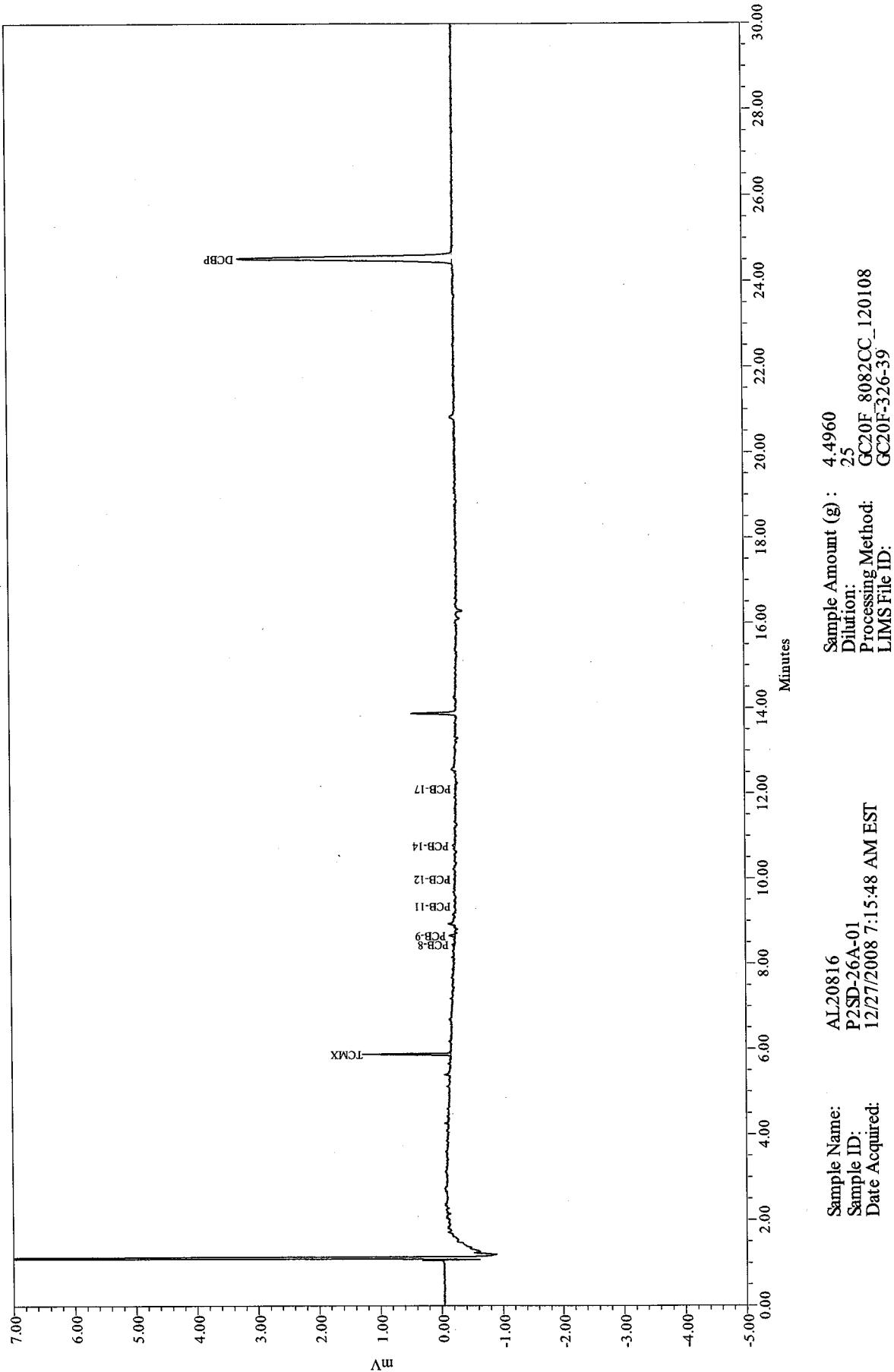
| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION |   |
|---------------|------------|---------------|---------------|---|
|               |            |               | UG/G          | Q |
| 1             | 12674-11-2 | Aroclor 1016  | 0.111         | U |
| 1             | 11104-28-2 | Aroclor 1221  | 0.111         | U |
| 1             | 11141-16-5 | Aroclor 1232  | 0.111         | U |
| 1             | 53469-21-9 | Aroclor 1242  | 0.111         | U |
| 1             | 12672-29-6 | Aroclor 1248  | 0.111         | U |
| 1             | 11097-69-1 | Aroclor 1254  | 0.111         | U |
| 1             | 11096-82-5 | Aroclor 1260  | 0.111         | U |

Laboratory Qualifiers:

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308  
Phone: (518) 346-4592 Fax: (518) 381-6055  
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Sample Name: AL20816  
Sample ID: P2SD-26A-01  
Date Acquired: 12/27/2008 7:15:48 AM EST

Sample Amount (g): 4.4960  
Dilution: 25  
Processing Method: GC20F 8082CC\_120108  
LIMS File ID: GC20F-326-39

Sample Name: AL20816

1 of 1



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|                    |                           |                     |                            |
|--------------------|---------------------------|---------------------|----------------------------|
| Sample Name:       | AL20816                   | Sample Amount (g) : | 4.4960                     |
| Sample ID:         | P2SD-26A-01               | Dilution:           | 25                         |
| Date Acquired:     | 12/27/2008 7:15:48 AM EST | Extract Volume:     | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008        | Date Processed:     | 12/29/2008 10:23:39 AM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:          | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108       | Current Date:       | 12/29/2008                 |
| Run Time:          | 30.0 Minutes              | Current Time:       | 11:44:16 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL        | LIMS File ID:       | GC20F-326-39               |

#### Peak Results

|   | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.88            | bb               | 2210          | 9.620                | 96.2        |             |
| 2 | PCB-8     | 8.46            | bb               | 131           |                      |             |             |
| 3 | PCB-9     | 8.67            | bb               | 249           |                      |             |             |
| 4 | PCB-11    | 9.36            | bb               | 66            |                      |             |             |
| 5 | PCB-12    | 10.00           | bb               | 44            |                      |             |             |
| 6 | PCB-14    | 10.78           | bb               | 151           |                      |             |             |
| 7 | PCB-17    | 12.11           | bb               | 47            |                      |             |             |
| 8 | DCBP      | 24.54           | bb               | 21256         | 101.737              |             | 102         |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1016       | 380                 | 5.692                | 0.03165     | 0.111    | NR     |      |
| 2 | A1232       | 380                 | 17.049               | 0.09480     | 0.111    | NR     |      |
| 3 | A1242       | 380                 | 9.557                | 0.05314     | 0.111    | NR     |      |
| 4 | A1248       | 261                 | 7.479                | 0.04159     | 0.111    | NR     |      |
| 5 | A1248-11/15 | 195                 | 8.510                | 0.04732     | 0.111    | NR     |      |
| 6 | A1248-14/15 | 110                 | 3.456                | 0.01922     | 0.111    | NR     |      |
| 7 | A1254       | 47                  |                      |             | 0.111    | NR     |      |
| 8 | A1254-19/20 | 47                  |                      |             | 0.111    | NR     |      |
| 9 | A1254-20    | 47                  |                      |             | 0.111    | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |             |
|-----------------------|--------------------------------|------------------|-------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165    |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-02 |
| Matrix:               | Sediment                       | Client ID:       | P2SD-26B-01 |
| Sample wt(Dry)/vol:   | 5.1028 g                       | Lab Sample ID:   | AL20817     |
| Percent Moisture:     | 53.0                           | Date Received:   | 12/18/2008  |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008  |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008  |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 1           |
|                       |                                | Sulfur Cleanup:  | YES         |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-40

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

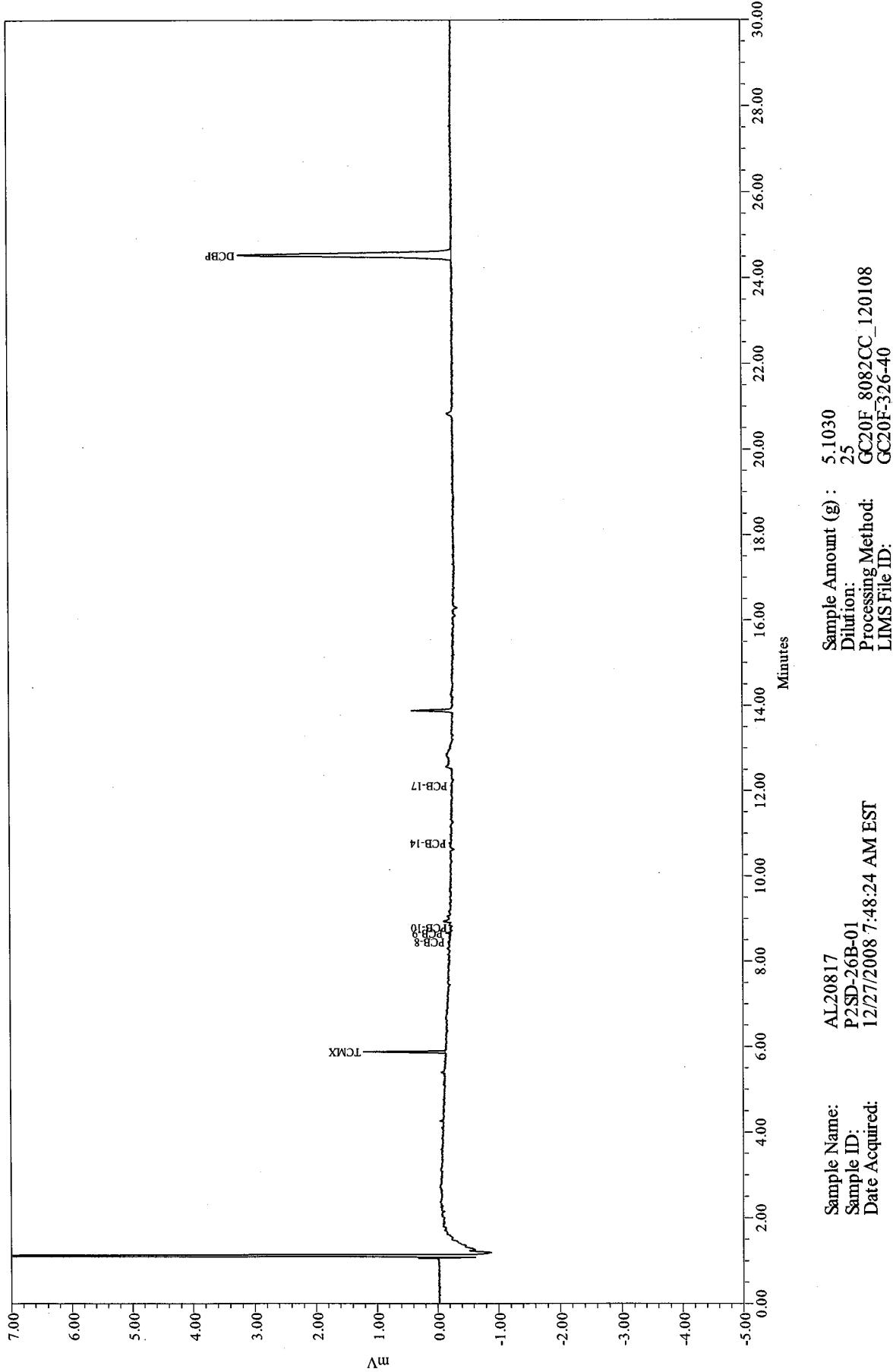
| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q |
|---------------|------------|---------------|--------------------|---|
| 1             | 12674-11-2 | Aroclor 1016  | 0.0980             | U |
| 1             | 11104-28-2 | Aroclor 1221  | 0.0980             | U |
| 1             | 11141-16-5 | Aroclor 1232  | 0.0980             | U |
| 1             | 53469-21-9 | Aroclor 1242  | 0.0980             | U |
| 1             | 12672-29-6 | Aroclor 1248  | 0.0980             | U |
| 1             | 11097-69-1 | Aroclor 1254  | 0.0980             | U |
| 1             | 11096-82-5 | Aroclor 1260  | 0.0980             | U |

Laboratory Qualifiers:

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



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|                    |                           |                    |                            |
|--------------------|---------------------------|--------------------|----------------------------|
| Sample Name:       | AL20817                   | Sample Amount (g): | 5.1030                     |
| Sample ID:         | P2SD-26B-01               | Dilution:          | 25                         |
| Date Acquired:     | 12/27/2008 7:48:24 AM EST | Extract Volume:    | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008        | Date Processed:    | 12/29/2008 10:24:16 AM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:         | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108       | Current Date:      | 12/29/2008                 |
| Run Time:          | 30.0 Minutes              | Current Time:      | 11:44:17 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL        | LIMS File ID:      | GC20F-326-40               |

#### Peak Results

|   | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.88            | bb               | 1986          | 8.610                | 86.1        |             |
| 2 | PCB-8     | 8.46            | bb               | 74            |                      |             |             |
| 3 | PCB-9     | 8.67            | bb               | 138           |                      |             |             |
| 4 | PCB-10    | 8.80            | bb               | 20            |                      |             |             |
| 5 | PCB-14    | 10.78           | bb               | 67            |                      |             |             |
| 6 | PCB-17    | 12.13           | bb               | 28            |                      |             |             |
| 7 | DCBP      | 24.54           | bb               | 19996         | 95.559               |             | 95.6        |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1016       | 233                 | 2.262                | 0.01108     | 0.0980   | NR     |      |
| 2 | A1232       | 233                 | 10.149               | 0.04972     | 0.0980   | NR     |      |
| 3 | A1232-8/9   | 20                  | 6.132                | 0.03004     | 0.0980   | NR     |      |
| 4 | A1242       | 233                 | 5.516                | 0.02703     | 0.0980   | NR     |      |
| 5 | A1248       | 67                  | 2.025                | 0.00992     | 0.0980   | NR     |      |
| 6 | A1248-11/15 | 67                  | 2.979                | 0.01459     | 0.0980   | NR     |      |
| 7 | A1254       | 28                  |                      |             | 0.0980   | NR     |      |
| 8 | A1254-19/20 | 28                  |                      |             | 0.0980   | NR     |      |
| 9 | A1254-20    | 28                  |                      |             | 0.0980   | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |             |
|-----------------------|--------------------------------|------------------|-------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165    |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-03 |
| Matrix:               | Sediment                       | Client ID:       | P2SD-26C-01 |
| Sample wt(Dry)/vol:   | 4.2651 g                       | Lab Sample ID:   | AL20818     |
| Percent Moisture:     | 58.7                           | Date Received:   | 12/18/2008  |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008  |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008  |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 1           |
| Sulfur Cleanup: YES   |                                |                  |             |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-41

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

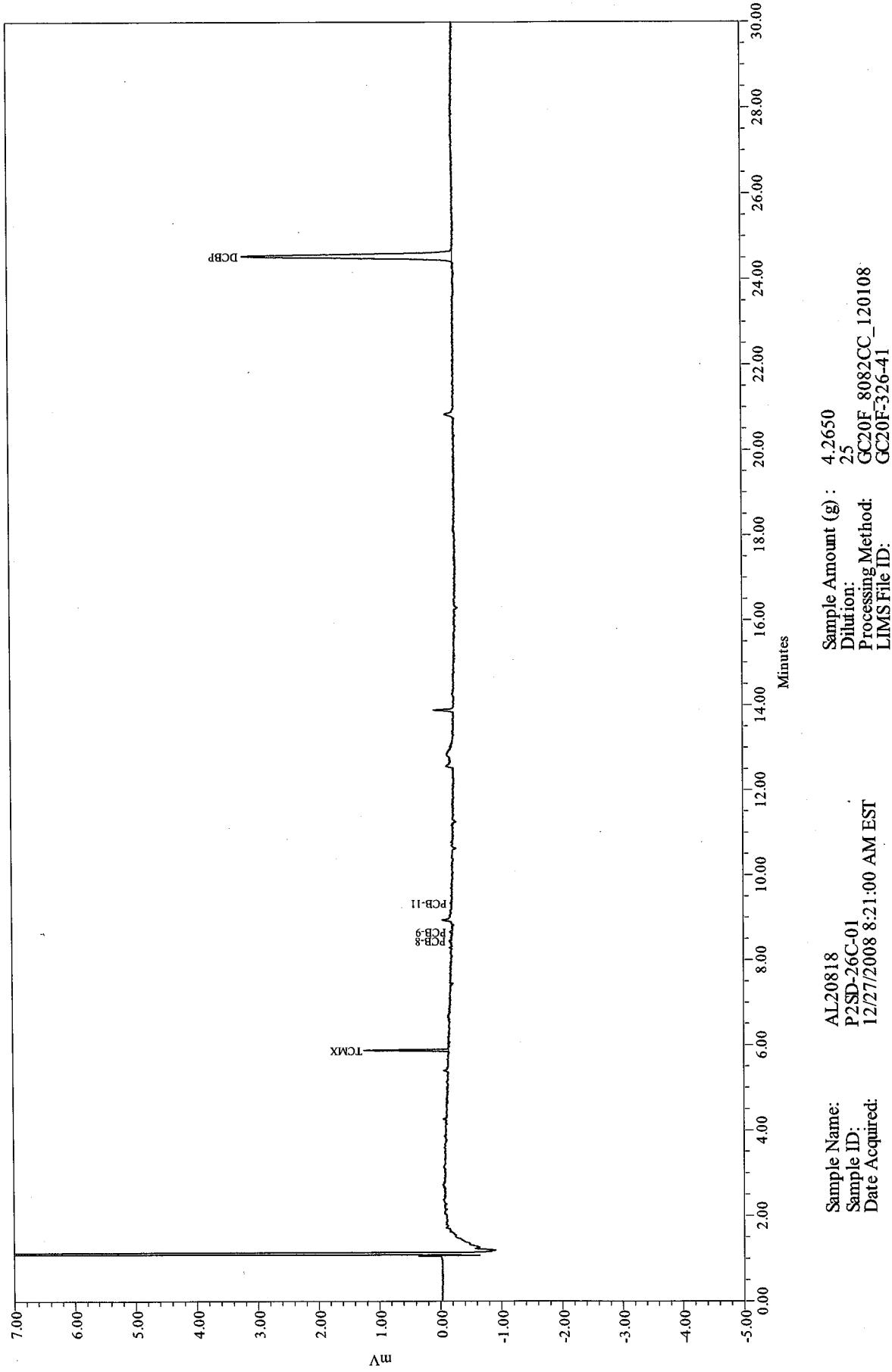
| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q |
|---------------|------------|---------------|--------------------|---|
| 1             | 12674-11-2 | Aroclor 1016  | 0.117              | U |
| 1             | 11104-28-2 | Aroclor 1221  | 0.117              | U |
| 1             | 11141-16-5 | Aroclor 1232  | 0.117              | U |
| 1             | 53469-21-9 | Aroclor 1242  | 0.117              | U |
| 1             | 12672-29-6 | Aroclor 1248  | 0.117              | U |
| 1             | 11097-69-1 | Aroclor 1254  | 0.117              | U |
| 1             | 11096-82-5 | Aroclor 1260  | 0.117              | U |

Laboratory Qualifiers:

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



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|                    |                           |                     |                            |
|--------------------|---------------------------|---------------------|----------------------------|
| Sample Name:       | AL20818                   | Sample Amount (g) : | 4.2650                     |
| Sample ID:         | P2SD-26C-01               | Dilution:           | 25                         |
| Date Acquired:     | 12/27/2008 8:21:00 AM EST | Extract Volume:     | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008        | Date Processed:     | 12/29/2008 10:25:54 AM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:          | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108       | Current Date:       | 12/29/2008                 |
| Run Time:          | 30.0 Minutes              | Current Time:       | 11:44:19 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL        | LIMS File ID:       | GC20F-326-41               |

Peak Results

|   | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.88            | bb               | 2111          | 9.175                | 91.7        |             |
| 2 | PCB-8     | 8.45            | bb               | 114           |                      |             |             |
| 3 | PCB-9     | 8.67            | bb               | 138           |                      |             |             |
| 4 | PCB-11    | 9.34            | bb               | 46            |                      |             |             |
| 5 | DCBP      | 24.54           | bb               | 20273         | 96.918               |             | 96.9        |

Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1016       | 253                 | 2.725                | 0.01597     | 0.117    | NR     |      |
| 2 | A1232       | 253                 | 11.080               | 0.06494     | 0.117    | NR     |      |
| 3 | A1242       | 253                 | 6.061                | 0.03553     | 0.117    | NR     |      |
| 4 | A1248       | 46                  | 1.419                | 0.00832     | 0.117    | NR     |      |
| 5 | A1248-14/15 | 46                  |                      |             | 0.117    | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |             |
|-----------------------|--------------------------------|------------------|-------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165    |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-04 |
| Matrix:               | Sediment                       | Client ID:       | P2SD-26B-03 |
| Sample wt(Dry)/vol:   | 4.6232 g                       | Lab Sample ID:   | AL20819     |
| Percent Moisture:     | 53.8                           | Date Received:   | 12/18/2008  |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008  |
| Conc. Extract Volume: | 25000 $\mu$ L                  | Date Analyzed:   | 12/27/2008  |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 1           |
|                       |                                | Sulfur Cleanup:  | YES         |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0  $\mu$ L  
 Lab File ID: GC20F-326-44

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q  |
|---------------|------------|---------------|--------------------|----|
| 1             | 12674-11-2 | Aroclor 1016  | 0.108              | U  |
| 1             | 11104-28-2 | Aroclor 1221  | 0.108              | U  |
| 1             | 11141-16-5 | Aroclor 1232  | 0.108              | U  |
| 1             | 53469-21-9 | Aroclor 1242  | 0.173              | AD |
| 1             | 12672-29-6 | Aroclor 1248  | 0.108              | U  |
| 1             | 11097-69-1 | Aroclor 1254  | 0.108              | U  |
| 1             | 11096-82-5 | Aroclor 1260  | 0.108              | U  |

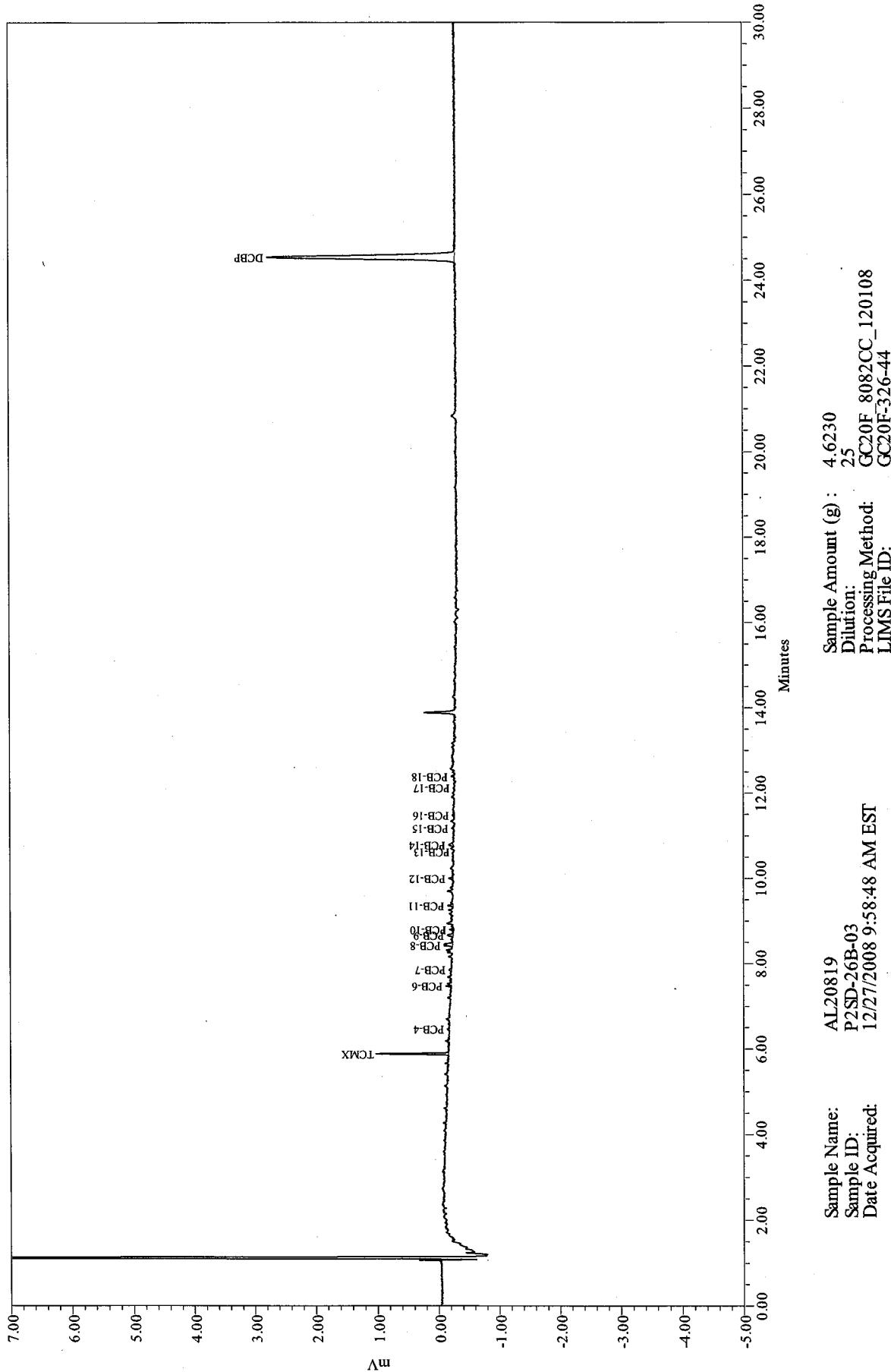
Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



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Sample Name: AL20819  
Sample ID: P2SD-26B-03  
Date Acquired: 12/27/2008 9:58:48 AM EST

Sample Amount (g): 4.6230  
Dilution: 25  
Processing Method: GC20F 8082CC\_120108  
LIMS File ID: GC20F-326-44

Sample Name: AL20819

1 of 1



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|                    |                           |                    |                            |
|--------------------|---------------------------|--------------------|----------------------------|
| Sample Name:       | AL20819                   | Sample Amount (g): | 4.6230                     |
| Sample ID:         | P2SD-26B-03               | Dilution:          | 25                         |
| Date Acquired:     | 12/27/2008 9:58:48 AM EST | Extract Volume:    | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008        | Date Processed:    | 12/29/2008 10:35:08 AM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:         | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108       | Current Date:      | 12/29/2008                 |
| Run Time:          | 30.0 Minutes              | Current Time:      | 11:44:25 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL        | LIMS File ID:      | GC20F-326-44               |

Peak Results

|    | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|----|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1  | TCMX      | 5.88            | bb               | 1855          | 8.023                | 80.2        |             |
| 2  | PCB-4     | 6.47            | bb               | 43            |                      |             |             |
| 3  | PCB-6     | 7.48            | bv               | 146           |                      |             |             |
| 4  | PCB-7     | 7.86            | bb               | 102           |                      |             |             |
| 5  | PCB-8     | 8.43            | bb               | 548           |                      |             |             |
| 6  | PCB-9     | 8.67            | bb               | 288           |                      |             |             |
| 7  | PCB-10    | 8.80            | vb               | 116           |                      |             |             |
| 8  | PCB-11    | 9.36            | bb               | 209           |                      |             |             |
| 9  | PCB-12    | 10.00           | bb               | 147           |                      |             |             |
| 10 | PCB-13    | 10.62           | bb               | 7             |                      |             |             |
| 11 | PCB-14    | 10.79           | bb               | 193           |                      |             |             |
| 12 | PCB-15    | 11.18           | bb               | 56            |                      |             |             |
| 13 | PCB-16    | 11.48           | bb               | 72            |                      |             |             |
| 14 | PCB-17    | 12.13           | bb               | 36            |                      |             |             |
| 15 | PCB-18    | 12.39           | bb               | 76            |                      |             |             |
| 16 | DCBP      | 24.54           | bb               | 18133         | 86.433               |             | 86.4        |

Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1242       | 1201                | 31.978               | 0.17293     | 0.108    | X      | AD   |
| 2 | A1248       | 612                 | 17.340               | 0.09377     | 0.108    | NR     |      |
| 3 | A1248-11/15 | 348                 | 15.116               | 0.08175     | 0.108    | NR     |      |
| 4 | A1248-14/15 | 364                 | 18.641               | 0.10081     | 0.108    | NR     |      |
| 5 | A1254       | 184                 | 1.815                | 0.00981     | 0.108    | NR     |      |
| 6 | A1254-17/18 | 72                  | 1.338                | 0.00724     | 0.108    | NR     |      |
| 7 | A1254-19/20 | 184                 | 3.376                | 0.01826     | 0.108    | NR     |      |
| 8 | A1254-20    | 184                 | 1.889                | 0.01021     | 0.108    | NR     |      |

**Group Results**

|    | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|----|------------|---------------------|----------------------|-------------|----------|--------|------|
| 9  | A1016      | 1201                | 24.727               | 0.13372     | 0.108    | NR     |      |
| 10 | A1221      | 43                  | 2.777                | 0.01502     | 0.108    | NR     |      |
| 11 | A1221-2    | 43                  | 3.454                | 0.01868     | 0.108    | NR     |      |
| 12 | A1221-5    | 43                  | 7.720                | 0.04175     | 0.108    | NR     |      |
| 13 | A1232      | 1054                | 48.501               | 0.26228     | 0.108    | NR     |      |
| 14 | A1232-8/9  | 218                 | 26.142               | 0.14137     | 0.108    | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |             |
|-----------------------|--------------------------------|------------------|-------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165    |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-05 |
| Matrix:               | Sediment                       | Client ID:       | P2SD-27A-01 |
| Sample wt(Dry)/vol:   | 4.9447 g                       | Lab Sample ID:   | AL20820     |
| Percent Moisture:     | 53.9                           | Date Received:   | 12/18/2008  |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008  |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008  |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 1           |
|                       |                                | Sulfur Cleanup:  | YES         |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-45

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

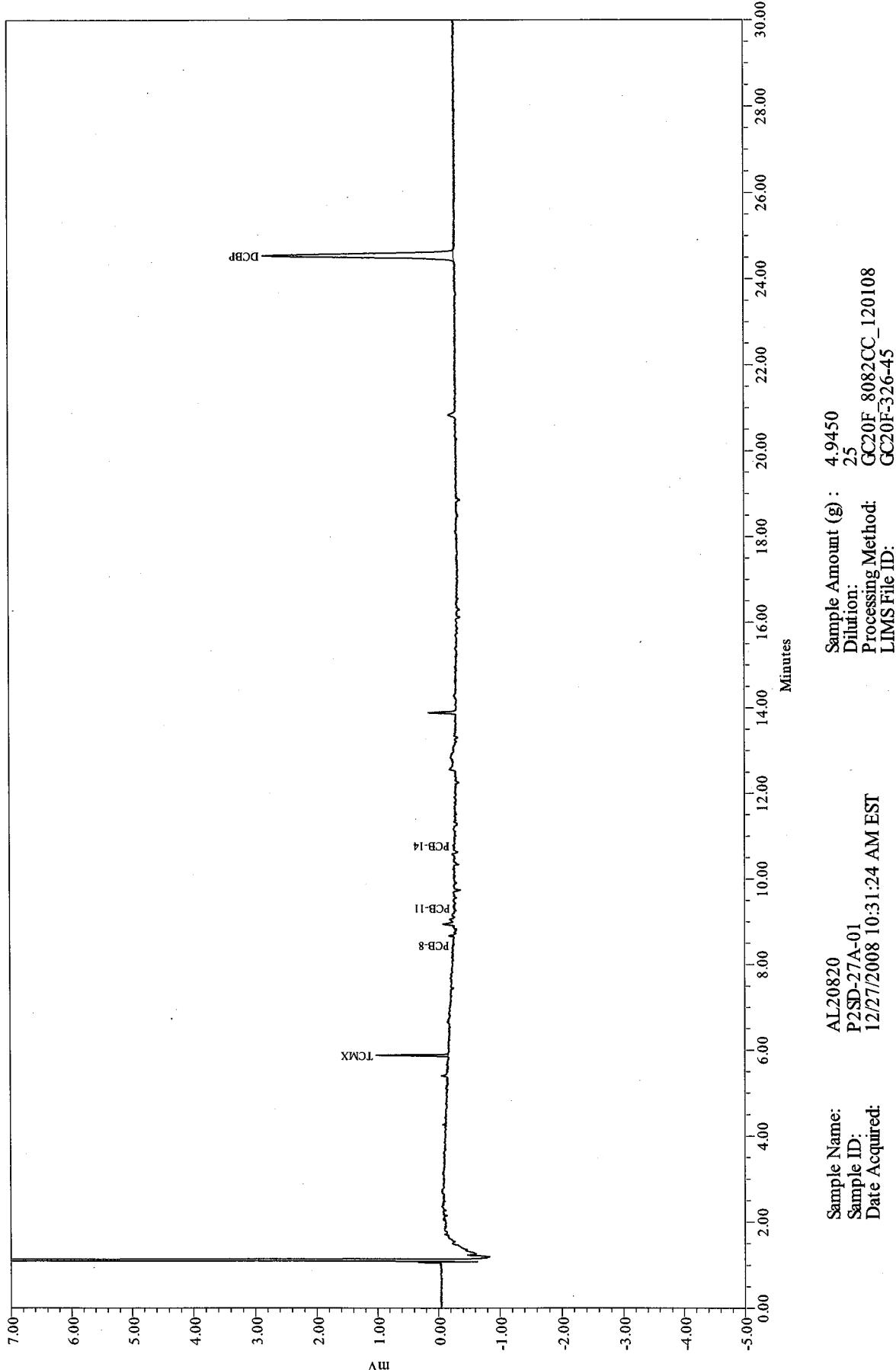
| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q |
|---------------|------------|---------------|--------------------|---|
| 1             | 12674-11-2 | Aroclor 1016  | 0.101              | U |
| 1             | 11104-28-2 | Aroclor 1221  | 0.101              | U |
| 1             | 11141-16-5 | Aroclor 1232  | 0.101              | U |
| 1             | 53469-21-9 | Aroclor 1242  | 0.101              | U |
| 1             | 12672-29-6 | Aroclor 1248  | 0.101              | U |
| 1             | 11097-69-1 | Aroclor 1254  | 0.101              | U |
| 1             | 11096-82-5 | Aroclor 1260  | 0.101              | U |

Laboratory Qualifiers:

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



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|                    |                            |                     |                            |
|--------------------|----------------------------|---------------------|----------------------------|
| Sample Name:       | AL20820                    | Sample Amount (g) : | 4.9450                     |
| Sample ID:         | P2SD-27A-01                | Dilution:           | 25                         |
| Date Acquired:     | 12/27/2008 10:31:24 AM EST | Extract Volume:     | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008         | Date Processed:     | 12/29/2008 10:36:02 AM EST |
| Sample Set Name:   | GC20F_8082s_122608         | User Name:          | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108        | Current Date:       | 12/29/2008                 |
| Run Time:          | 30.0 Minutes               | Current Time:       | 11:44:27 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL         | LIMS File ID:       | GC20F-326-45               |

#### Peak Results

|   | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.88            | bb               | 1791          | 7.733                | 77.3        |             |
| 2 | PCB-8     | 8.46            | bb               | 25            |                      |             |             |
| 3 | PCB-11    | 9.33            | bb               | 48            |                      |             |             |
| 4 | PCB-14    | 10.79           | bb               | 63            |                      |             |             |
| 5 | DCBP      | 24.54           | bb               | 17856         | 85.071               |             | 85.1        |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1016       | 25                  |                      |             | 0.101    | NR     |      |
| 2 | A1232       | 25                  | 0.472                | 0.00239     | 0.101    | NR     |      |
| 3 | A1242       | 25                  |                      |             | 0.101    | NR     |      |
| 4 | A1248       | 111                 | 3.253                | 0.01645     | 0.101    | NR     |      |
| 5 | A1248-11/15 | 63                  | 2.783                | 0.01407     | 0.101    | NR     |      |
| 6 | A1248-14/15 | 48                  |                      |             | 0.101    | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |             |
|-----------------------|--------------------------------|------------------|-------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165    |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-06 |
| Matrix:               | Soil                           | Client ID:       | P2SL-28A-01 |
| Sample wt(Dry)/vol:   | 4.9679 g                       | Lab Sample ID:   | AL20821     |
| Percent Moisture:     | 51.4                           | Date Received:   | 12/18/2008  |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008  |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008  |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 3           |
| Sulfur Cleanup: YES   |                                |                  |             |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-47

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q  |
|---------------|------------|---------------|--------------------|----|
| 1             | 12674-11-2 | Aroclor 1016  | 0.302              | U  |
| 1             | 11104-28-2 | Aroclor 1221  | 0.302              | U  |
| 1             | 11141-16-5 | Aroclor 1232  | 0.302              | U  |
| 1             | 53469-21-9 | Aroclor 1242  | 1.27               | AD |
| 1             | 12672-29-6 | Aroclor 1248  | 0.302              | U  |
| 1             | 11097-69-1 | Aroclor 1254  | 4.70               | AF |
| 1             | 11096-82-5 | Aroclor 1260  | 0.302              | U  |

Laboratory Qualifiers:

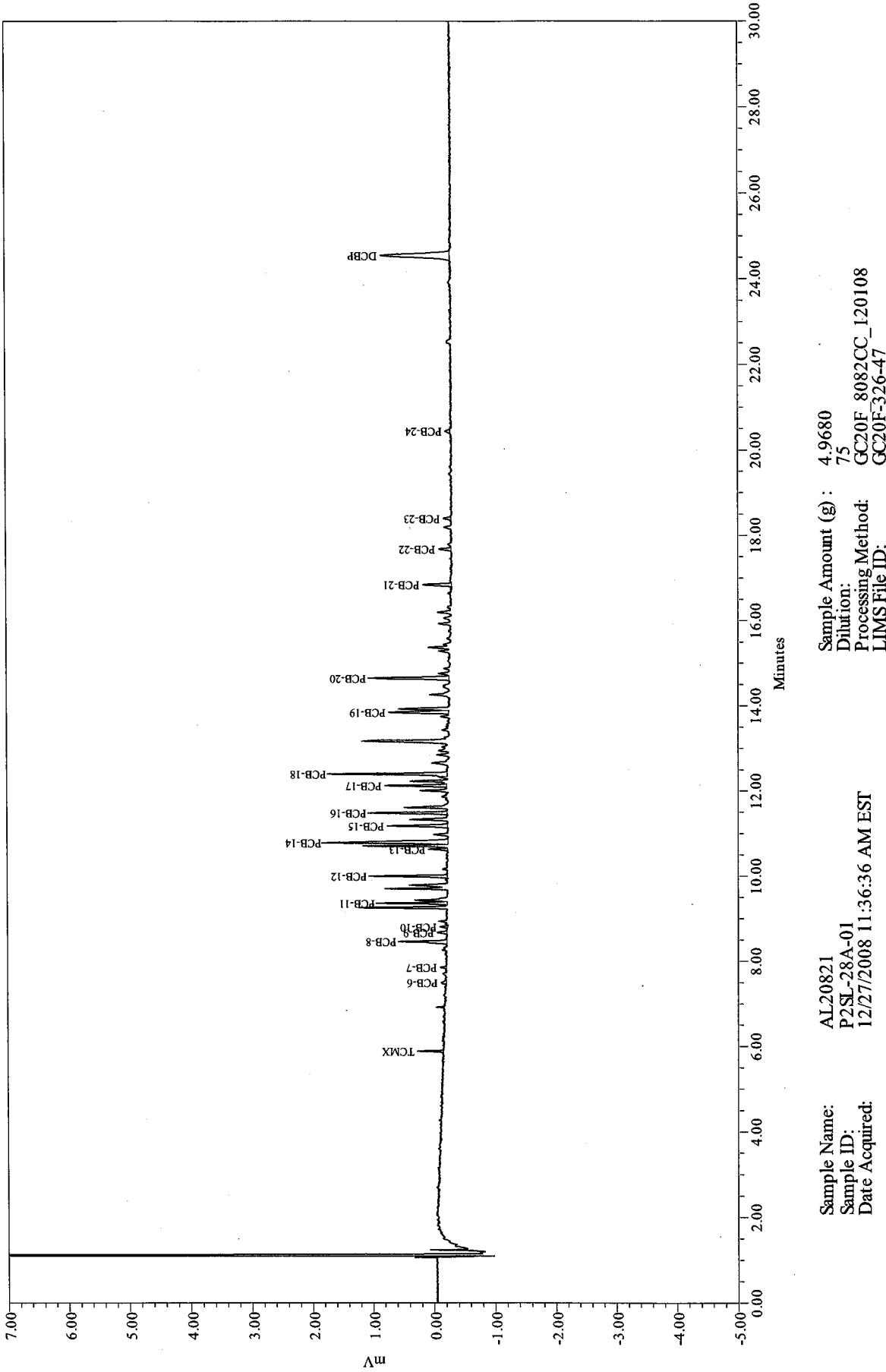
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AF-Aroclor 1254 is being reported as the best Aroclor match: The sample exhibits an altered PCB pattern.

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



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Sample Name:  
AL20821  
Sample ID:  
P2SL-28A-01  
Date Acquired:  
12/27/2008 11:36:36 AM EST

Sample Amount (g):  
4.9680  
Dilution:  
75  
Processing Method:  
GC20F 8082CC\_120108  
LIMS File ID:  
GC20F326-47



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|                    |                            |                    |                            |
|--------------------|----------------------------|--------------------|----------------------------|
| Sample Name:       | AL20821                    | Sample Amount (g): | 4.9680                     |
| Sample ID:         | P2SL-28A-01                | Dilution:          | 75                         |
| Date Acquired:     | 12/27/2008 11:36:36 AM EST | Extract Volume:    | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008         | Date Processed:    | 12/29/2008 10:38:52 AM EST |
| Sample Set Name:   | GC20F_8082s_122608         | User Name:         | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108        | Current Date:      | 12/29/2008                 |
| Run Time:          | 30.0 Minutes               | Current Time:      | 11:44:29 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL         | LIMS File ID:      | GC20F-326-47               |

Peak Results

|    | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|----|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1  | TCMX      | 5.89            | bb               | 630           | 2.510                | 75.3        |             |
| 2  | PCB-6     | 7.49            | bb               | 272           |                      |             |             |
| 3  | PCB-7     | 7.86            | vv               | 213           |                      |             |             |
| 4  | PCB-8     | 8.46            | bb               | 1921          |                      |             |             |
| 5  | PCB-9     | 8.67            | bb               | 415           |                      |             |             |
| 6  | PCB-10    | 8.81            | bb               | 283           |                      |             |             |
| 7  | PCB-11    | 9.36            | VV               | 2266          |                      |             |             |
| 8  | PCB-12    | 10.00           | bb               | 2776          |                      |             |             |
| 9  | PCB-13    | 10.63           | bV               | 664           |                      |             |             |
| 10 | PCB-14    | 10.79           | Vb               | 6653          |                      |             |             |
| 11 | PCB-15    | 11.18           | bb               | 2257          |                      |             |             |
| 12 | PCB-16    | 11.48           | bb               | 2851          |                      |             |             |
| 13 | PCB-17    | 12.12           | bV               | 2207          |                      |             |             |
| 14 | PCB-18    | 12.40           | vb               | 4833          |                      |             |             |
| 15 | PCB-19    | 13.85           | bV               | 2647          |                      |             |             |
| 16 | PCB-20    | 14.65           | bV               | 3700          |                      |             |             |
| 17 | PCB-21    | 16.85           | bb               | 1277          |                      |             |             |
| 18 | PCB-22    | 17.68           | bv               | 586           |                      |             |             |
| 19 | PCB-23    | 18.40           | bb               | 370           |                      |             |             |
| 20 | PCB-24    | 20.44           | bb               | 260           |                      |             |             |
| 21 | DCBP      | 24.55           | bb               | 6565          | 29.741               |             | 89.2        |

Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1016      | 3104                | 68.896               | 1.04010     | 0.302    | NR     |      |
| 2 | A1232      | 2832                | 131.487              | 1.98500     | 0.302    | NR     |      |
| 3 | A1232-8/9  | 497                 | 54.377               | 0.82091     | 0.302    | NR     |      |

**Group Results**

|    | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|----|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 4  | A1242       | 3104                | 84.004               | 1.26818     | 0.302    | X      | AD   |
| 5  | A1248       | 14616               | 410.829              | 6.20213     | 0.302    | NR     |      |
| 6  | A1248-11/15 | 10093               | 436.528              | 6.59009     | 0.302    | NR     |      |
| 7  | A1248-14/15 | 5706                | 338.738              | 5.11380     | 0.302    | NR     |      |
| 8  | A1254       | 16238               | 311.149              | 4.69729     | 0.302    | X      | AF   |
| 9  | A1254-17/18 | 9198                | 298.364              | 4.50428     | 0.302    | NR     |      |
| 10 | A1254-19/20 | 9892                | 322.241              | 4.86475     | 0.302    | NR     |      |
| 11 | A1254-20    | 12538               | 311.949              | 4.70938     | 0.302    | NR     |      |
| 12 | A1260       | 6193                | 110.293              | 1.66504     | 0.302    | NR     |      |
| 13 | A1260-20    | 2493                | 62.743               | 0.94720     | 0.302    | NR     |      |
| 14 | A1260-23/24 | 5562                | 118.977              | 1.79615     | 0.302    | NR     |      |
| 15 | A1262       | 6193                |                      |             |          | NR     |      |
| 16 | A1268       | 631                 |                      |             |          | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |             |
|-----------------------|--------------------------------|------------------|-------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165    |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-07 |
| Matrix:               | Soil                           | Client ID:       | P2SL-28B-01 |
| Sample wt(Dry)/vol:   | 4.9290 g                       | Lab Sample ID:   | AL20822     |
| Percent Moisture:     | 51.4                           | Date Received:   | 12/18/2008  |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008  |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008  |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 1           |
|                       |                                | Sulfur Cleanup:  | YES         |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-48

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION |    |
|---------------|------------|---------------|---------------|----|
|               |            |               | UG/G          | Q  |
| 1             | 12674-11-2 | Aroclor 1016  | 0.101         | U  |
| 1             | 11104-28-2 | Aroclor 1221  | 0.101         | U  |
| 1             | 11141-16-5 | Aroclor 1232  | 0.101         | U  |
| 1             | 53469-21-9 | Aroclor 1242  | 0.101         | U  |
| 1             | 12672-29-6 | Aroclor 1248  | 0.123         | PE |
| 1             | 11097-69-1 | Aroclor 1254  | 0.101         | U  |
| 1             | 11096-82-5 | Aroclor 1260  | 0.101         | U  |

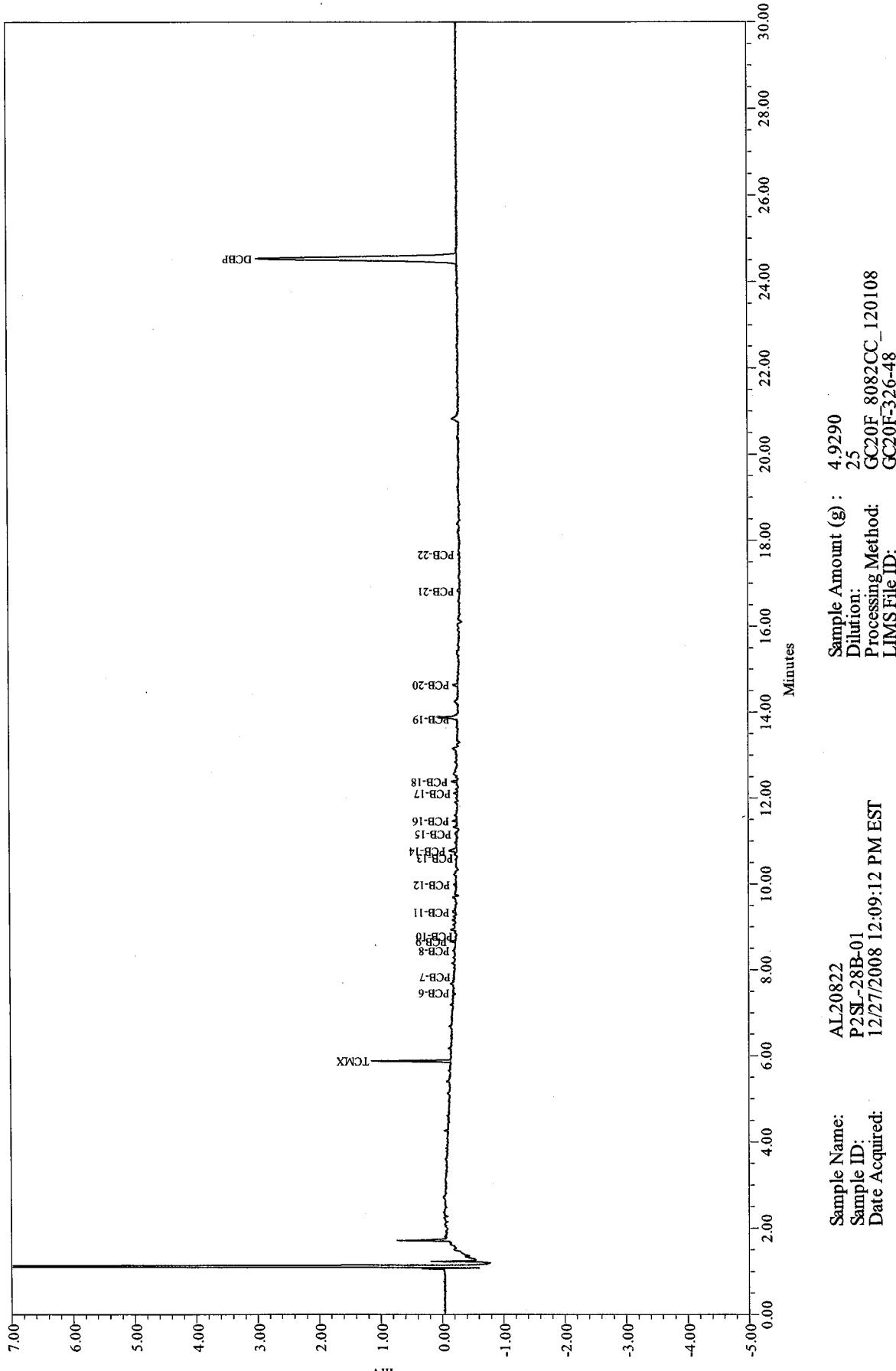
Laboratory Qualifiers:

PE-Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCB present in sample that has undergone environmental alteration.

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



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Sample Name:  
AL20822  
Sample ID:  
P2SL-28B-01  
Date Acquired:  
12/27/2008 12:09:12 PM EST

Sample Name:  
AL20822  
Sample ID:  
P2SL-28B-01  
Processing Method:  
GC20F 8082CC\_120108  
LIMS File ID:  
GC20F-326-48

Sample Amount (g) : 4.9290  
Dilution: 25  
Processing Method:  
GC20F 8082CC\_120108  
LIMS File ID:  
GC20F-326-48

Sample Name: AL20822

1 of 1



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|                    |                            |                     |                            |
|--------------------|----------------------------|---------------------|----------------------------|
| Sample Name:       | AL20822                    | Sample Amount (g) : | 4.9290                     |
| Sample ID:         | P2SL-28B-01                | Dilution:           | 25                         |
| Date Acquired:     | 12/27/2008 12:09:12 PM EST | Extract Volume:     | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008         | Date Processed:     | 12/29/2008 10:45:50 AM EST |
| Sample Set Name:   | GC20F_8082s_122608         | User Name:          | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108        | Current Date:       | 12/29/2008                 |
| Run Time:          | 30.0 Minutes               | Current Time:       | 11:44:30 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL         | LIMS File ID:       | GC20F-326-48               |

#### Peak Results

|    | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|----|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1  | TCMX      | 5.88            | bb               | 1934          | 8.379                | 83.8        |             |
| 2  | PCB-6     | 7.47            | bb               | 10            |                      |             |             |
| 3  | PCB-7     | 7.85            | bb               | 10            |                      |             |             |
| 4  | PCB-8     | 8.45            | bb               | 49            |                      |             |             |
| 5  | PCB-9     | 8.67            | bb               | 179           |                      |             |             |
| 6  | PCB-10    | 8.80            | bb               | 18            |                      |             |             |
| 7  | PCB-11    | 9.35            | bb               | 144           |                      |             |             |
| 8  | PCB-12    | 9.99            | bb               | 121           |                      |             |             |
| 9  | PCB-13    | 10.61           | bb               | 7             |                      |             |             |
| 10 | PCB-14    | 10.78           | vb               | 450           |                      |             |             |
| 11 | PCB-15    | 11.17           | bb               | 134           |                      |             |             |
| 12 | PCB-16    | 11.47           | bb               | 164           |                      |             |             |
| 13 | PCB-17    | 12.12           | bb               | 156           |                      |             |             |
| 14 | PCB-18    | 12.39           | bb               | 252           |                      |             |             |
| 15 | PCB-19    | 13.85           | bv               | 61            |                      |             |             |
| 16 | PCB-20    | 14.65           | bb               | 220           |                      |             |             |
| 17 | PCB-21    | 16.83           | bb               | 158           |                      |             |             |
| 18 | PCB-22    | 17.68           | bb               | 36            |                      |             |             |
| 19 | DCBP      | 24.54           | bb               | 19150         | 91.414               |             | 91.4        |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1254-17/18 | 445                 | 13.484               | 0.06839     | 0.101    | NR     |      |
| 2 | A1254-19/20 | 572                 | 16.107               | 0.08170     | 0.101    | NR     |      |
| 3 | A1254-20    | 633                 | 13.150               | 0.06670     | 0.101    | NR     |      |
| 4 | A1260       | 414                 | 6.573                | 0.03334     | 0.101    | NR     |      |
| 5 | A1260-20    | 194                 | 4.852                | 0.02461     | 0.101    | NR     |      |

**Group Results**

|    | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|----|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 6  | A1260-23/24 | 414                 | 7.295                | 0.03700     | 0.101    | NR     |      |
| 7  | A1262       | 414                 |                      |             |          | NR     |      |
| 8  | A1016       | 266                 | 3.043                | 0.01543     | 0.101    | NR     |      |
| 9  | A1232       | 257                 | 11.264               | 0.05713     | 0.101    | NR     |      |
| 10 | A1232-8/9   | 28                  | 6.891                | 0.03495     | 0.101    | NR     |      |
| 11 | A1242       | 266                 | 6.436                | 0.03265     | 0.101    | NR     |      |
| 12 | A1248       | 856                 | 24.176               | 0.12262     | 0.101    | X      | PE   |
| 13 | A1248-11/15 | 578                 | 25.049               | 0.12705     | 0.101    | NR     |      |
| 14 | A1248-14/15 | 272                 | 13.145               | 0.06667     | 0.101    | NR     |      |
| 15 | A1254       | 853                 | 14.702               | 0.07457     | 0.101    | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |             |
|-----------------------|--------------------------------|------------------|-------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165    |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-08 |
| Matrix:               | Sediment                       | Client ID:       | P2SD-29A-01 |
| Sample wt(Dry)/vol:   | 4.9310 g                       | Lab Sample ID:   | AL20823     |
| Percent Moisture:     | 52.7                           | Date Received:   | 12/18/2008  |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008  |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008  |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 1           |
|                       |                                | Sulfur Cleanup:  | YES         |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-49

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

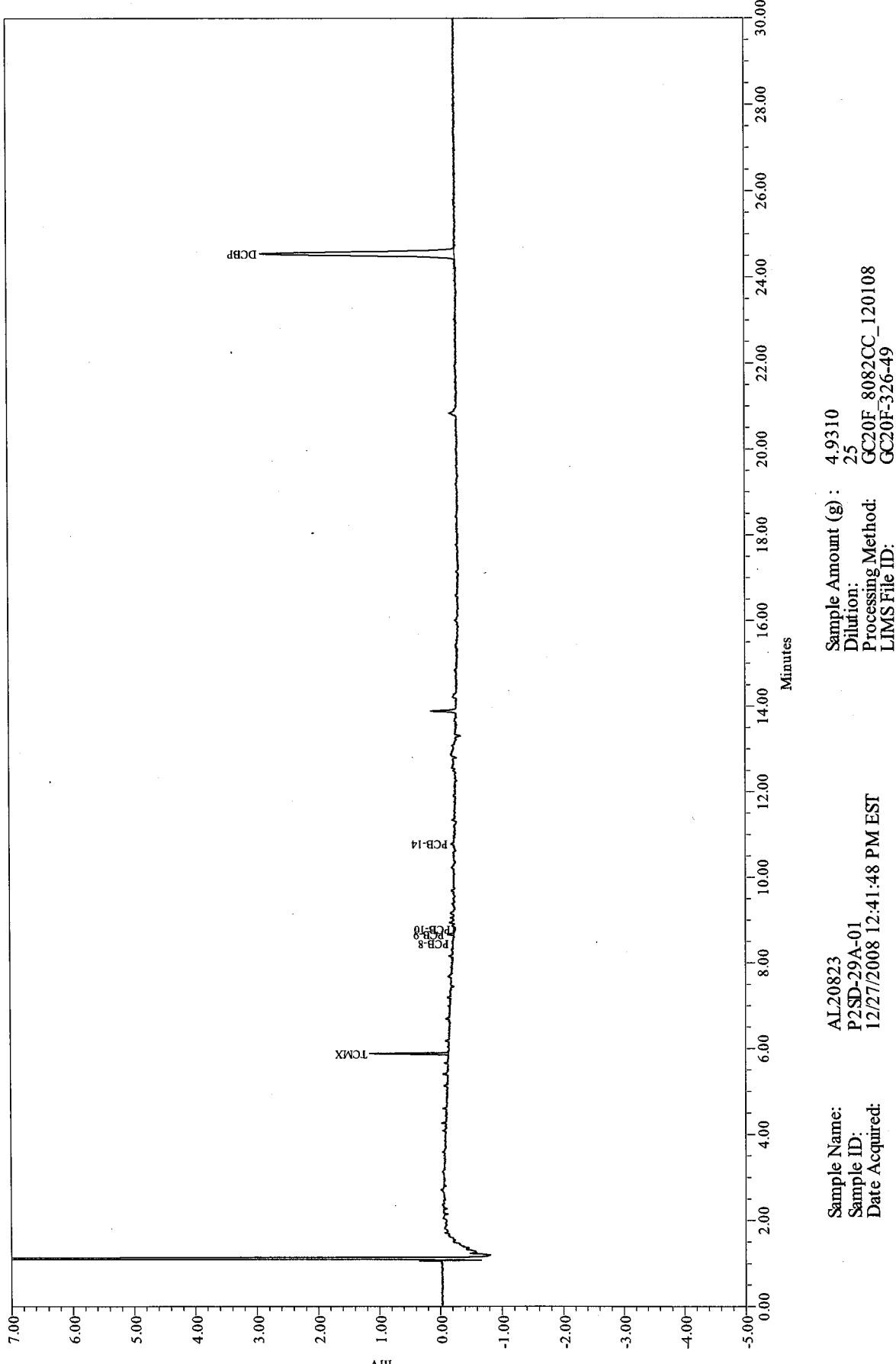
| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q |
|---------------|------------|---------------|--------------------|---|
| 1             | 12674-11-2 | Aroclor 1016  | 0.101              | U |
| 1             | 11104-28-2 | Aroclor 1221  | 0.101              | U |
| 1             | 11141-16-5 | Aroclor 1232  | 0.101              | U |
| 1             | 53469-21-9 | Aroclor 1242  | 0.101              | U |
| 1             | 12672-29-6 | Aroclor 1248  | 0.101              | U |
| 1             | 11097-69-1 | Aroclor 1254  | 0.101              | U |
| 1             | 11096-82-5 | Aroclor 1260  | 0.101              | U |

Laboratory Qualifiers:

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308  
Phone: (518) 346-4592 Fax: (518) 381-6055  
[www.nealab.com](http://www.nealab.com)





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|                    |                            |                     |                            |
|--------------------|----------------------------|---------------------|----------------------------|
| Sample Name:       | AL20823                    | Sample Amount (g) : | 4.9310                     |
| Sample ID:         | P2SD-29A-01                | Dilution:           | 25                         |
| Date Acquired:     | 12/27/2008 12:41:48 PM EST | Extract Volume:     | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008         | Date Processed:     | 12/29/2008 10:46:39 AM EST |
| Sample Set Name:   | GC20F_8082s_122608         | User Name:          | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108        | Current Date:       | 12/29/2008                 |
| Run Time:          | 30.0 Minutes               | Current Time:       | 11:44:32 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL         | LIMS File ID:       | GC20F-326-49               |

#### Peak Results

|   | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.88            | bb               | 1974          | 8.557                | 85.6        |             |
| 2 | PCB-8     | 8.46            | bb               | 25            |                      |             |             |
| 3 | PCB-9     | 8.67            | bb               | 239           |                      |             |             |
| 4 | PCB-10    | 8.79            | bb               | 50            |                      |             |             |
| 5 | PCB-14    | 10.79           | bb               | 123           |                      |             |             |
| 6 | DCBP      | 24.55           | bb               | 18732         | 89.368               |             | 89.4        |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1016       | 315                 | 4.166                | 0.02112     | 0.101    | NR     |      |
| 2 | A1232       | 315                 | 13.979               | 0.07087     | 0.101    | NR     |      |
| 3 | A1232-8/9   | 50                  | 9.182                | 0.04655     | 0.101    | NR     |      |
| 4 | A1242       | 315                 | 7.759                | 0.03934     | 0.101    | NR     |      |
| 5 | A1248       | 123                 | 3.588                | 0.01819     | 0.101    | NR     |      |
| 6 | A1248-11/15 | 123                 | 5.385                | 0.02730     | 0.101    | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |             |
|-----------------------|--------------------------------|------------------|-------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165    |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-09 |
| Matrix:               | Sediment                       | Client ID:       | P2SD-29B-01 |
| Sample wt(Dry)/vol:   | 4.5580 g                       | Lab Sample ID:   | AL20824     |
| Percent Moisture:     | 57.0                           | Date Received:   | 12/18/2008  |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008  |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008  |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 1           |
|                       |                                | Sulfur Cleanup:  | YES         |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-50

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

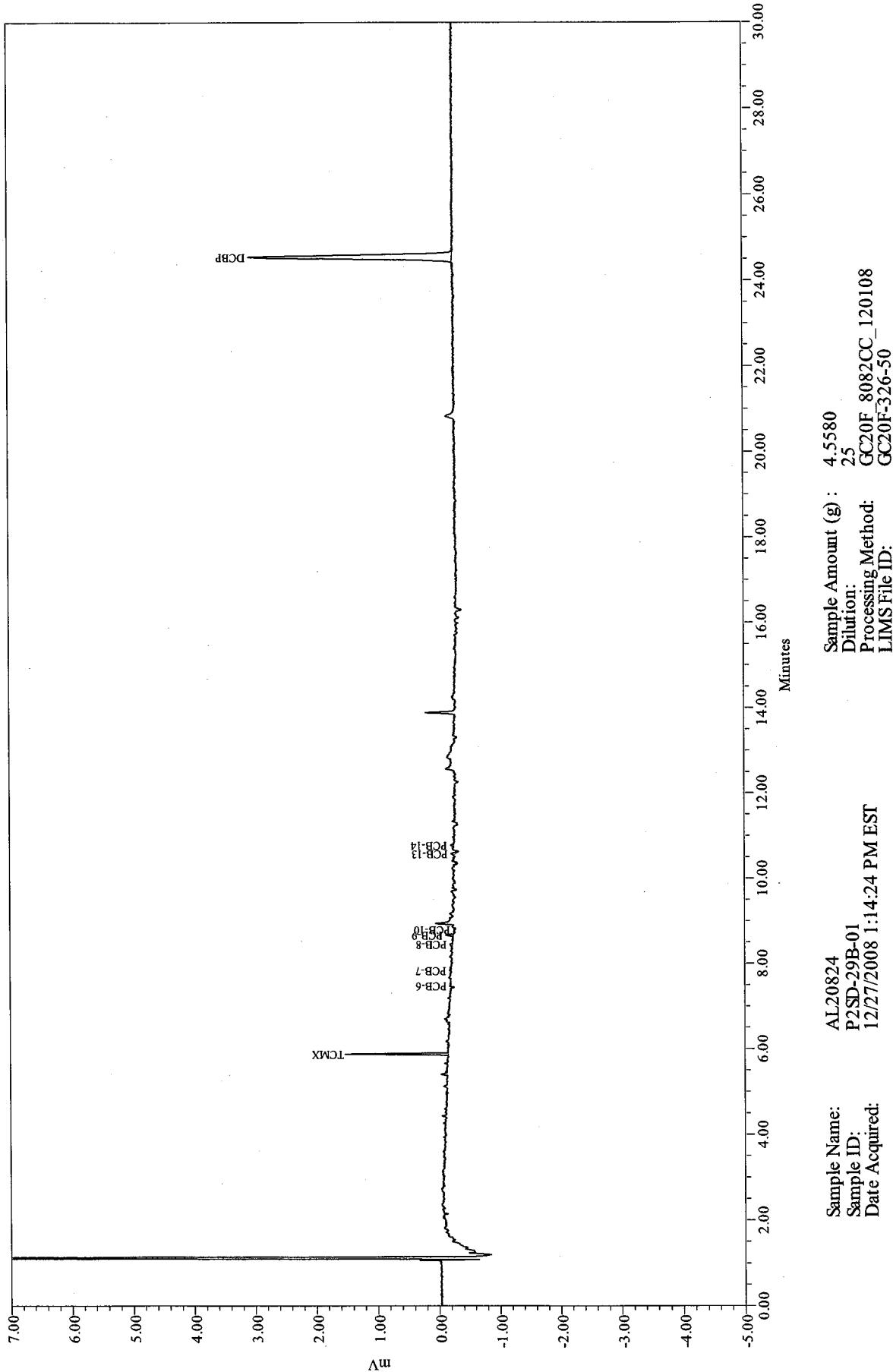
| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q |
|---------------|------------|---------------|--------------------|---|
| 1             | 12674-11-2 | Aroclor 1016  | 0.110              | U |
| 1             | 11104-28-2 | Aroclor 1221  | 0.110              | U |
| 1             | 11141-16-5 | Aroclor 1232  | 0.110              | U |
| 1             | 53469-21-9 | Aroclor 1242  | 0.110              | U |
| 1             | 12672-29-6 | Aroclor 1248  | 0.110              | U |
| 1             | 11097-69-1 | Aroclor 1254  | 0.110              | U |
| 1             | 11096-82-5 | Aroclor 1260  | 0.110              | U |

Laboratory Qualifiers:

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308  
Phone: (518) 346-4592 Fax: (518) 381-6055  
[www.nealah.com](http://www.nealah.com)





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[www.nealab.com](http://www.nealab.com)

|                    |                           |                    |                            |
|--------------------|---------------------------|--------------------|----------------------------|
| Sample Name:       | AL20824                   | Sample Amount (g): | 4.5580                     |
| Sample ID:         | P2SD-29B-01               | Dilution:          | 25                         |
| Date Acquired:     | 12/27/2008 1:14:24 PM EST | Extract Volume:    | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008        | Date Processed:    | 12/29/2008 10:47:34 AM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:         | Thomas.Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108       | Current Date:      | 12/29/2008                 |
| Run Time:          | 30.0 Minutes              | Current Time:      | 11:44:34 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL        | LIMS File ID:      | GC20F-326-50               |

Peak Results

|   | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.88            | bb               | 2583          | 11.302               | 113         |             |
| 2 | PCB-6     | 7.48            | bb               | 30            |                      |             |             |
| 3 | PCB-7     | 7.84            | bb               | 28            |                      |             |             |
| 4 | PCB-8     | 8.46            | bb               | 115           |                      |             |             |
| 5 | PCB-9     | 8.67            | bb               | 255           |                      |             |             |
| 6 | PCB-10    | 8.80            | bb               | 28            |                      |             |             |
| 7 | PCB-13    | 10.58           | bb               | 219           |                      |             |             |
| 8 | PCB-14    | 10.78           | bb               | 107           |                      |             |             |
| 9 | DCBP      | 24.55           | bb               | 19855         | 94.870               |             | 94.9        |

Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1016       | 456                 | 7.435                | 0.04078     | 0.110    | NR     |      |
| 2 | A1232       | 426                 | 19.160               | 0.10509     | 0.110    | NR     |      |
| 3 | A1232-8/9   | 56                  | 9.709                | 0.05325     | 0.110    | NR     |      |
| 4 | A1242       | 456                 | 11.610               | 0.06368     | 0.110    | NR     |      |
| 5 | A1248       | 326                 | 9.284                | 0.05092     | 0.110    | NR     |      |
| 6 | A1248-11/15 | 326                 | 14.150               | 0.07761     | 0.110    | NR     |      |
| 7 | A1248-14/15 | 219                 | 9.958                | 0.05462     | 0.110    | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |             |
|-----------------------|--------------------------------|------------------|-------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165    |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-10 |
| Matrix:               | Sediment                       | Client ID:       | P2SD-30A-01 |
| Sample wt(Dry)/vol:   | 4.2894 g                       | Lab Sample ID:   | AL20825     |
| Percent Moisture:     | 58.7                           | Date Received:   | 12/18/2008  |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008  |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008  |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 30          |
|                       |                                | Sulfur Cleanup:  | YES         |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-51

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q  |
|---------------|------------|---------------|--------------------|----|
| 1             | 12674-11-2 | Aroclor 1016  | 3.50               | U  |
| 1             | 11104-28-2 | Aroclor 1221  | 3.50               | U  |
| 1             | 11141-16-5 | Aroclor 1232  | 3.50               | U  |
| 1             | 53469-21-9 | Aroclor 1242  | 28.1               | AD |
| 1             | 12672-29-6 | Aroclor 1248  | 3.50               | U  |
| 1             | 11097-69-1 | Aroclor 1254  | 21.6               | AF |
| 1             | 11096-82-5 | Aroclor 1260  | 3.50               | U  |

Laboratory Qualifiers:

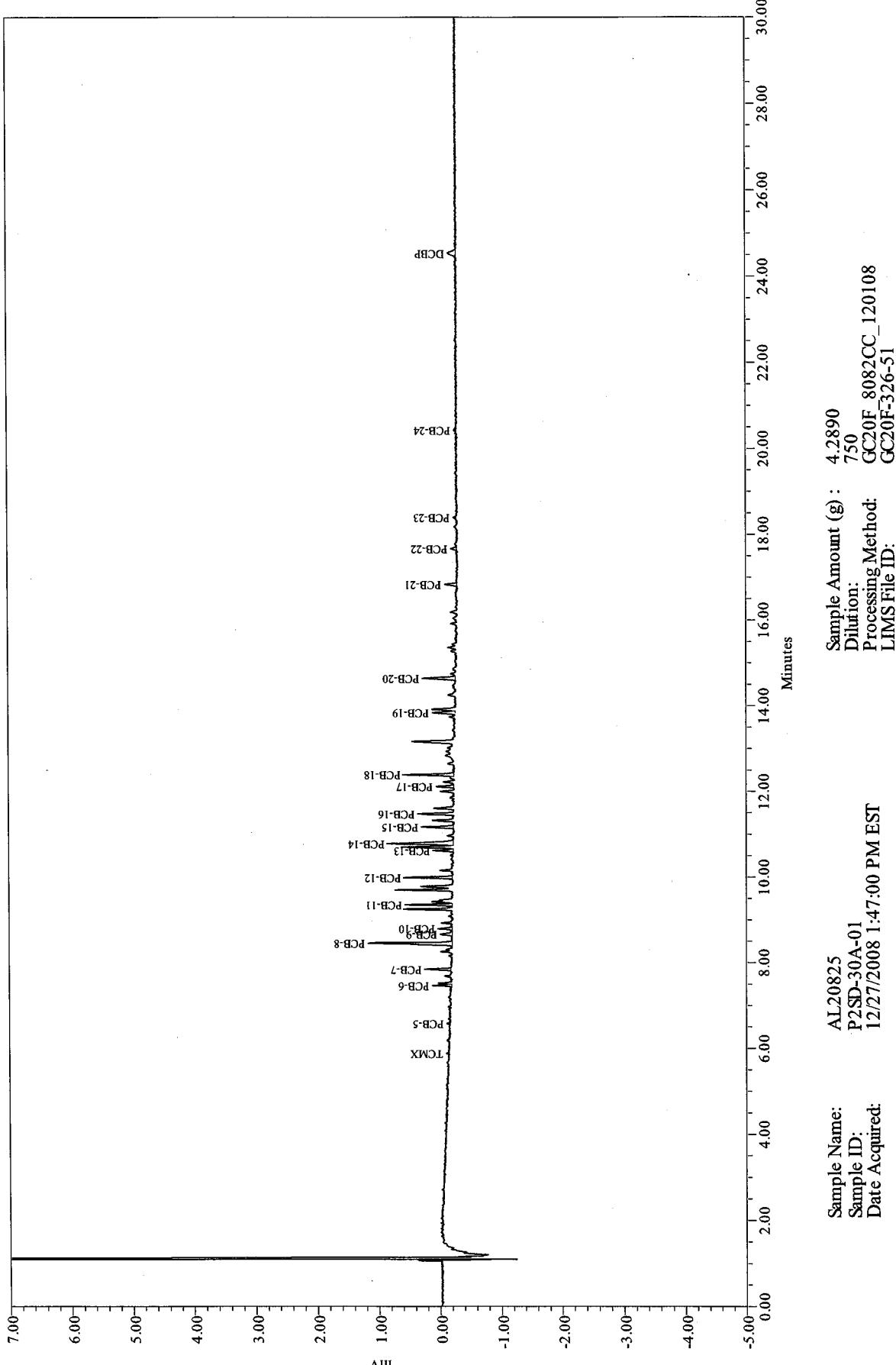
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308  
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[www.nealab.com](http://www.nealab.com)





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|                    |                           |                    |                            |
|--------------------|---------------------------|--------------------|----------------------------|
| Sample Name:       | AL20825                   | Sample Amount (g): | 4.2890                     |
| Sample ID:         | P2SD-30A-01               | Dilution:          | 750                        |
| Date Acquired:     | 12/27/2008 1:47:00 PM EST | Extract Volume:    | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008        | Date Processed:    | 12/29/2008 10:49:29 AM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:         | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108       | Current Date:      | 12/29/2008                 |
| Run Time:          | 30.0 Minutes              | Current Time:      | 11:44:36 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL        | LIMS File ID:      | GC20F-326-51               |

#### Peak Results

|    | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|----|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1  | TCMX      | 5.88            | bb               | 77            | 0.020                | 6.10        |             |
| 2  | PCB-5     | 6.58            | bb               | 71            |                      |             |             |
| 3  | PCB-6     | 7.47            | bV               | 587           |                      |             |             |
| 4  | PCB-7     | 7.85            | bb               | 858           |                      |             |             |
| 5  | PCB-8     | 8.46            | bv               | 3423          |                      |             |             |
| 6  | PCB-9     | 8.67            | BB               | 584           |                      |             |             |
| 7  | PCB-10    | 8.80            | vv               | 456           |                      |             |             |
| 8  | PCB-11    | 9.35            | bV               | 1449          |                      |             |             |
| 9  | PCB-12    | 9.99            | bb               | 1746          |                      |             |             |
| 10 | PCB-13    | 10.62           | bV               | 703           |                      |             |             |
| 11 | PCB-14    | 10.78           | Vb               | 3324          |                      |             |             |
| 12 | PCB-15    | 11.17           | bb               | 1162          |                      |             |             |
| 13 | PCB-16    | 11.48           | bb               | 1349          |                      |             |             |
| 14 | PCB-17    | 12.12           | bV               | 652           |                      |             |             |
| 15 | PCB-18    | 12.39           | vb               | 1961          |                      |             |             |
| 16 | PCB-19    | 13.84           | bV               | 1002          |                      |             |             |
| 17 | PCB-20    | 14.64           | bv               | 1533          |                      |             |             |
| 18 | PCB-21    | 16.84           | bb               | 527           |                      |             |             |
| 19 | PCB-22    | 17.67           | bb               | 269           |                      |             |             |
| 20 | PCB-23    | 18.40           | bb               | 83            |                      |             |             |
| 21 | PCB-24    | 20.43           | bb               | 109           |                      |             |             |
| 22 | DCBP      | 24.54           | bb               | 723           | 1.113                |             | 33.4        |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1248-11/15 | 5772                | 249.686              | 43.66154    | 3.50     | NR     |      |
| 2 | A1248-14/15 | 3897                | 230.347              | 40.27978    | 3.50     | NR     |      |

**Group Results**

|    | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|----|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 3  | A1254       | 6496                | 123.427              | 21.58323    | 3.50     | X      | AF   |
| 4  | A1254-17/18 | 3883                | 125.382              | 21.92504    | 3.50     | NR     |      |
| 5  | A1254-19/20 | 3961                | 127.438              | 22.28453    | 3.50     | NR     |      |
| 6  | A1254-20    | 4963                | 121.822              | 21.30250    | 3.50     | NR     |      |
| 7  | A1260       | 2521                | 44.388               | 7.76192     | 3.50     | NR     |      |
| 8  | A1260-20    | 988                 | 24.849               | 4.34516     | 3.50     | NR     |      |
| 9  | A1260-23/24 | 2329                | 48.848               | 8.54182     | 3.50     | NR     |      |
| 10 | A1262       | 2521                |                      |             |          | NR     |      |
| 11 | A1268       | 191                 |                      |             |          | NR     |      |
| 12 | A1016       | 5909                | 133.999              | 23.43195    | 3.50     | NR     |      |
| 13 | A1221       | 71                  | 5.237                | 0.91571     | 3.50     | NR     |      |
| 14 | A1221-2     | 71                  | 6.062                | 1.05996     | 3.50     | NR     |      |
| 15 | A1232       | 5393                | 251.007              | 43.89258    | 3.50     | NR     |      |
| 16 | A1232-8/9   | 1385                | 144.390              | 25.24890    | 3.50     | NR     |      |
| 17 | A1242       | 5909                | 160.689              | 28.09905    | 3.50     | X      | AD   |
| 18 | A1248       | 8383                | 235.677              | 41.21193    | 3.50     | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |             |
|-----------------------|--------------------------------|------------------|-------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165    |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-11 |
| Matrix:               | Sediment                       | Client ID:       | P2SD-30B-01 |
| Sample wt(Dry)/vol:   | 4.9494 g                       | Lab Sample ID:   | AL20826     |
| Percent Moisture:     | 53.8                           | Date Received:   | 12/18/2008  |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008  |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008  |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 30          |
| Sulfur Cleanup: YES   |                                |                  |             |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-52

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q  |
|---------------|------------|---------------|--------------------|----|
| 1             | 12674-11-2 | Aroclor 1016  | 3.03               | U  |
| 1             | 11104-28-2 | Aroclor 1221  | 3.03               | U  |
| 1             | 11141-16-5 | Aroclor 1232  | 3.03               | U  |
| 1             | 53469-21-9 | Aroclor 1242  | 20.5               | AD |
| 1             | 12672-29-6 | Aroclor 1248  | 3.03               | U  |
| 1             | 11097-69-1 | Aroclor 1254  | 15.1               | AF |
| 1             | 11096-82-5 | Aroclor 1260  | 3.03               | U  |

Laboratory Qualifiers:

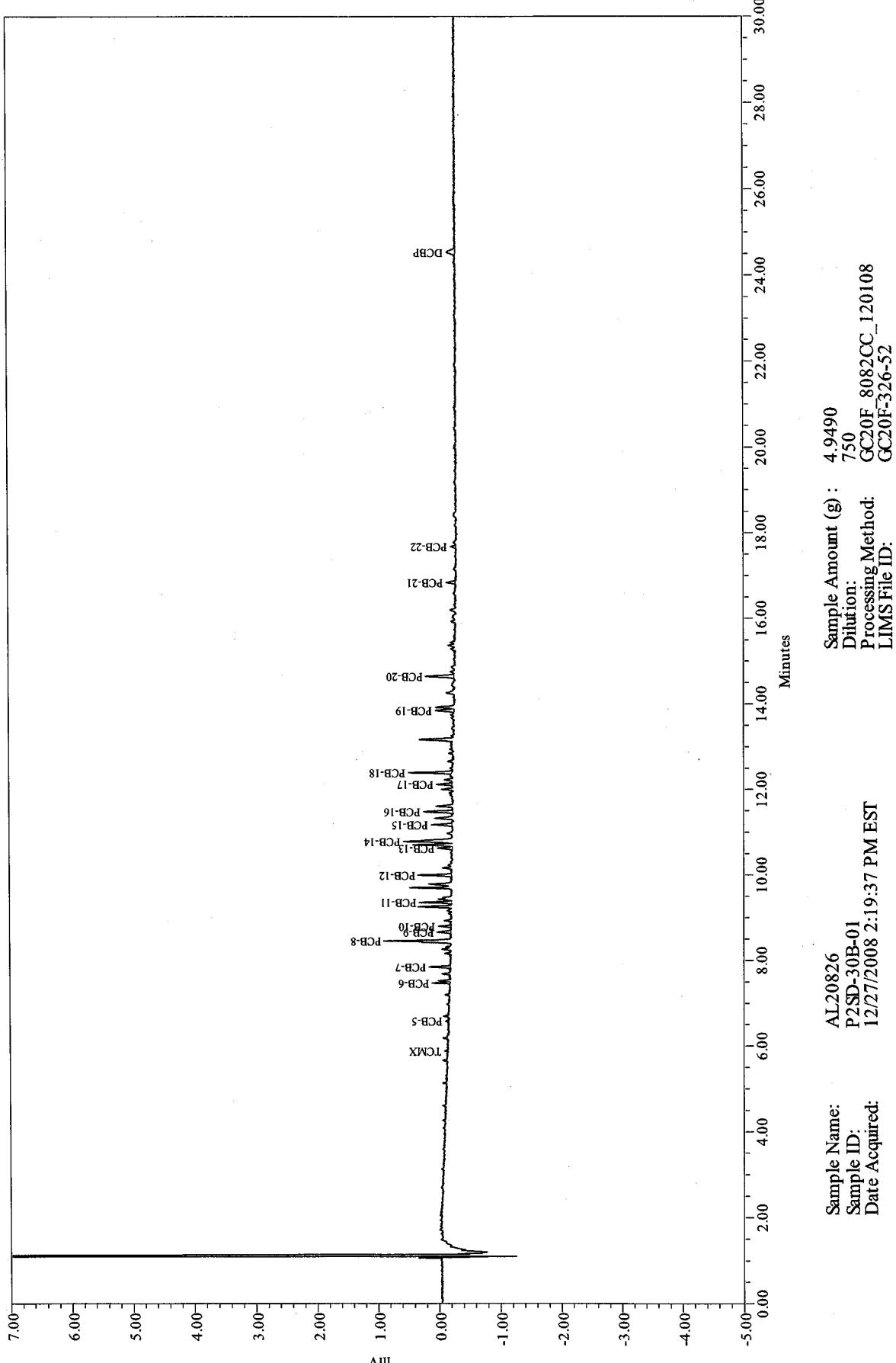
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



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|                    |                           |                     |                            |
|--------------------|---------------------------|---------------------|----------------------------|
| Sample Name:       | AL20826                   | Sample Amount (g) : | 4.9490                     |
| Sample ID:         | P2SD-30B-01               | Dilution:           | 750                        |
| Date Acquired:     | 12/27/2008 2:19:37 PM EST | Extract Volume:     | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008        | Date Processed:     | 12/29/2008 10:51:36 AM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:          | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108       | Current Date:       | 12/29/2008                 |
| Run Time:          | 30.0 Minutes              | Current Time:       | 11:44:40 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL        | LIMS File ID:       | GC20F-326-52               |

#### Peak Results

|    | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|----|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1  | TCMX      | 5.88            | bb               | 73            | 0.003                | 0.838       |             |
| 2  | PCB-5     | 6.58            | bb               | 80            |                      |             |             |
| 3  | PCB-6     | 7.47            | bV               | 513           |                      |             |             |
| 4  | PCB-7     | 7.85            | bb               | 790           |                      |             |             |
| 5  | PCB-8     | 8.46            | bb               | 2723          |                      |             |             |
| 6  | PCB-9     | 8.67            | bb               | 546           |                      |             |             |
| 7  | PCB-10    | 8.80            | bb               | 409           |                      |             |             |
| 8  | PCB-11    | 9.36            | VV               | 1052          |                      |             |             |
| 9  | PCB-12    | 10.00           | bb               | 1195          |                      |             |             |
| 10 | PCB-13    | 10.63           | bV               | 531           |                      |             |             |
| 11 | PCB-14    | 10.78           | Vb               | 2551          |                      |             |             |
| 12 | PCB-15    | 11.17           | bb               | 725           |                      |             |             |
| 13 | PCB-16    | 11.48           | bb               | 1116          |                      |             |             |
| 14 | PCB-17    | 12.12           | bb               | 535           |                      |             |             |
| 15 | PCB-18    | 12.40           | bb               | 1535          |                      |             |             |
| 16 | PCB-19    | 13.85           | bV               | 841           |                      |             |             |
| 17 | PCB-20    | 14.65           | bb               | 1232          |                      |             |             |
| 18 | PCB-21    | 16.84           | bb               | 359           |                      |             |             |
| 19 | PCB-22    | 17.68           | bb               | 210           |                      |             |             |
| 20 | DCBP      | 24.54           | bb               | 795           | 1.468                |             | 44.0        |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1016      | 4980                | 112.444              | 17.04044    | 3.03     | NR     |      |
| 2 | A1221      | 80                  | 5.978                | 0.90599     | 3.03     | NR     |      |
| 3 | A1221-2    | 80                  | 6.848                | 1.03777     | 3.03     | NR     |      |
| 4 | A1232      | 4547                | 211.534              | 32.05716    | 3.03     | NR     |      |

**Group Results**

|    | Group Name  | Group Area<br>(uV*sec) | Solution Conc.<br>ng/mL | Amount<br>ug/g | PQL<br>ug/g | Report | Note |
|----|-------------|------------------------|-------------------------|----------------|-------------|--------|------|
| 5  | A1232-8/9   | 1279                   | 133.585                 | 20.24422       | 3.03        | NR     |      |
| 6  | A1242       | 4980                   | 135.299                 | 20.50403       | 3.03        | X      | AD   |
| 7  | A1248       | 6054                   | 170.258                 | 25.80188       | 3.03        | NR     |      |
| 8  | A1248-11/15 | 4278                   | 185.051                 | 28.04375       | 3.03        | NR     |      |
| 9  | A1248-14/15 | 2779                   | 163.346                 | 24.75436       | 3.03        | NR     |      |
| 10 | A1254       | 5257                   | 99.559                  | 15.08778       | 3.03        | X      | AF   |
| 11 | A1254-17/18 | 3188                   | 102.747                 | 15.57086       | 3.03        | NR     |      |
| 12 | A1254-19/20 | 3185                   | 101.939                 | 15.44845       | 3.03        | NR     |      |
| 13 | A1254-20    | 4026                   | 98.295                  | 14.89615       | 3.03        | NR     |      |
| 14 | A1260       | 1800                   | 31.453                  | 4.76659        | 3.03        | NR     |      |
| 15 | A1260-20    | 569                    | 14.290                  | 2.16553        | 3.03        | NR     |      |
| 16 | A1260-23/24 | 1800                   | 37.367                  | 5.66283        | 3.03        | NR     |      |
| 17 | A1262       | 1800                   |                         |                |             | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |             |
|-----------------------|--------------------------------|------------------|-------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165    |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-12 |
| Matrix:               | Soil                           | Client ID:       | P2SL-31A-01 |
| Sample wt(Dry)/vol:   | 6.5803 g                       | Lab Sample ID:   | AL20827     |
| Percent Moisture:     | 38.3                           | Date Received:   | 12/18/2008  |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008  |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008  |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 10          |
| Sulfur Cleanup: YES   |                                |                  |             |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-53

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q  |
|---------------|------------|---------------|--------------------|----|
| 1             | 12674-11-2 | Aroclor 1016  | 0.760              | U  |
| 1             | 11104-28-2 | Aroclor 1221  | 0.760              | U  |
| 1             | 11141-16-5 | Aroclor 1232  | 0.760              | U  |
| 1             | 53469-21-9 | Aroclor 1242  | 3.56               | AD |
| 1             | 12672-29-6 | Aroclor 1248  | 0.760              | U  |
| 1             | 11097-69-1 | Aroclor 1254  | 3.55               | AF |
| 1             | 11096-82-5 | Aroclor 1260  | 0.760              | U  |

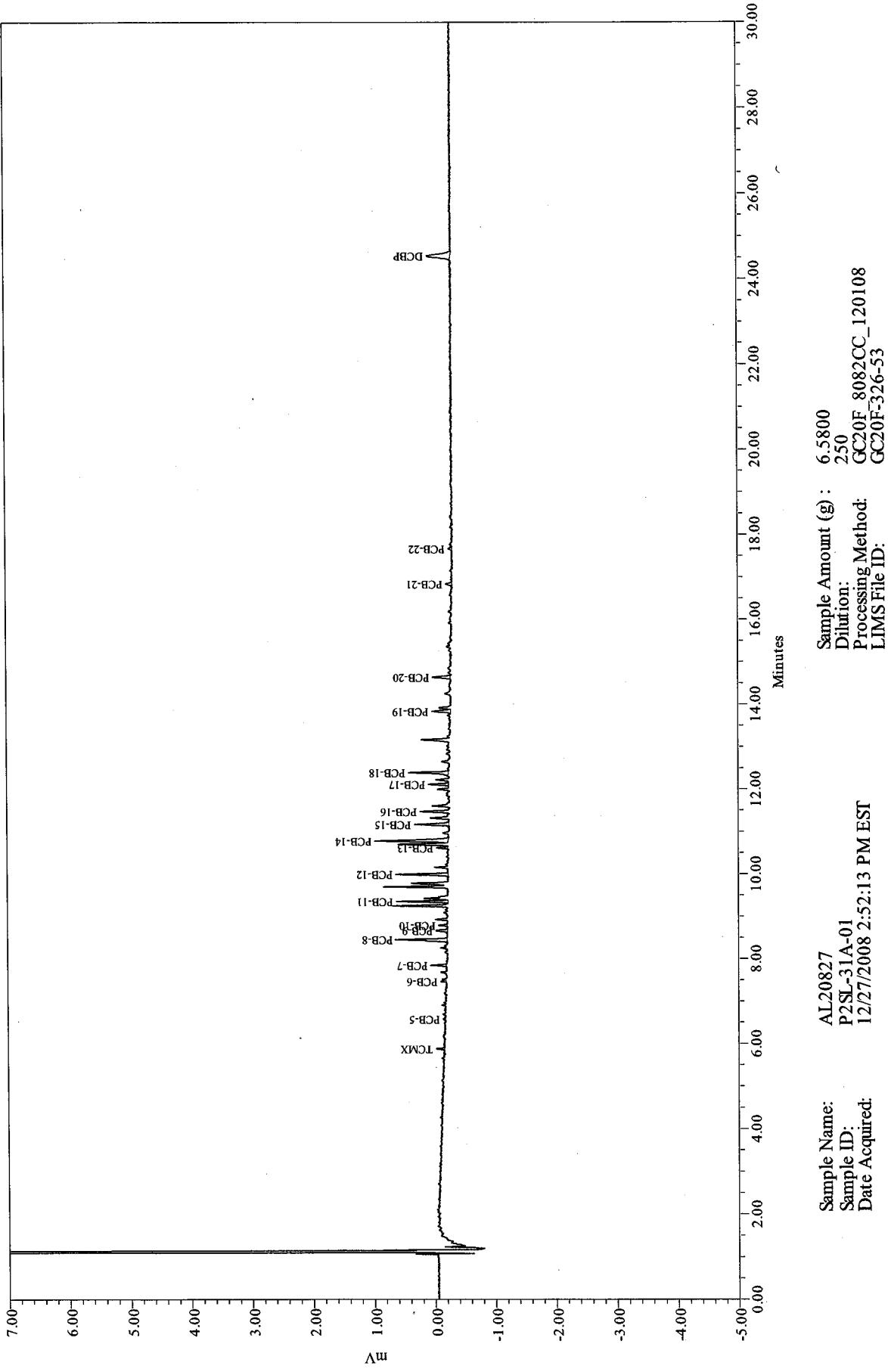
Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

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Phone: (518) 346-4592 Fax: (518) 381-6055  
[www.nealab.com](http://www.nealab.com)





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|                    |                           |                     |                            |
|--------------------|---------------------------|---------------------|----------------------------|
| Sample Name:       | AL20827                   | Sample Amount (g) : | 6.5800                     |
| Sample ID:         | P2SL-31A-01               | Dilution:           | 250                        |
| Date Acquired:     | 12/27/2008 2:52:13 PM EST | Extract Volume:     | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008        | Date Processed:     | 12/29/2008 10:59:22 AM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:          | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108       | Current Date:       | 12/29/2008                 |
| Run Time:          | 30.0 Minutes              | Current Time:       | 11:44:41 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL        | LIMS File ID:       | GC20F-326-53               |

#### Peak Results

|    | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|----|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1  | TCMX      | 5.88            | bb               | 233           | 0.720                | 72.0        |             |
| 2  | PCB-5     | 6.58            | bb               | 47            |                      |             |             |
| 3  | PCB-6     | 7.47            | bV               | 201           |                      |             |             |
| 4  | PCB-7     | 7.85            | bb               | 449           |                      |             |             |
| 5  | PCB-8     | 8.46            | bb               | 2070          |                      |             |             |
| 6  | PCB-9     | 8.67            | bb               | 500           |                      |             |             |
| 7  | PCB-10    | 8.79            | bb               | 241           |                      |             |             |
| 8  | PCB-11    | 9.36            | bV               | 1613          |                      |             |             |
| 9  | PCB-12    | 9.99            | bb               | 1930          |                      |             |             |
| 10 | PCB-13    | 10.62           | bB               | 365           |                      |             |             |
| 11 | PCB-14    | 10.78           | Vb               | 3376          |                      |             |             |
| 12 | PCB-15    | 11.17           | bb               | 1336          |                      |             |             |
| 13 | PCB-16    | 11.48           | bb               | 990           |                      |             |             |
| 14 | PCB-17    | 12.12           | bb               | 712           |                      |             |             |
| 15 | PCB-18    | 12.39           | vb               | 1586          |                      |             |             |
| 16 | PCB-19    | 13.84           | bV               | 845           |                      |             |             |
| 17 | PCB-20    | 14.64           | bb               | 804           |                      |             |             |
| 18 | PCB-21    | 16.84           | bb               | 285           |                      |             |             |
| 19 | PCB-22    | 17.67           | bb               | 167           |                      |             |             |
| 20 | DCBP      | 24.55           | bb               | 2205          | 8.375                |             | 83.8        |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1016      | 3461                | 77.193               | 2.93286     | 0.760    | NR     |      |
| 2 | A1221      | 47                  | 3.099                | 0.11773     | 0.760    | NR     |      |
| 3 | A1221-2    | 47                  | 3.795                | 0.14419     | 0.760    | NR     |      |
| 4 | A1232      | 3308                | 153.665              | 5.83833     | 0.760    | NR     |      |

**Group Results**

|    | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|----|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 5  | A1232-8/9   | 737                 | 78.757               | 2.99228     | 0.760    | NR     |      |
| 6  | A1242       | 3461                | 93.777               | 3.56295     | 0.760    | X      | AD   |
| 7  | A1248       | 8620                | 242.343              | 9.20758     | 0.760    | NR     |      |
| 8  | A1248-11/15 | 5672                | 245.334              | 9.32120     | 0.760    | NR     |      |
| 9  | A1248-14/15 | 3908                | 231.024              | 8.77752     | 0.760    | NR     |      |
| 10 | A1254       | 4937                | 93.399               | 3.54861     | 0.760    | X      | AF   |
| 11 | A1254-17/18 | 2639                | 84.891               | 3.22535     | 0.760    | NR     |      |
| 12 | A1254-19/20 | 3288                | 105.340              | 4.00227     | 0.760    | NR     |      |
| 13 | A1254-20    | 4133                | 101.003              | 3.83752     | 0.760    | NR     |      |
| 14 | A1260       | 1256                | 21.689               | 0.82404     | 0.760    | NR     |      |
| 15 | A1260-20    | 452                 | 11.358               | 0.43153     | 0.760    | NR     |      |
| 16 | A1260-23/24 | 1256                | 25.565               | 0.97133     | 0.760    | NR     |      |
| 17 | A1262       | 1256                |                      |             |          | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |             |
|-----------------------|--------------------------------|------------------|-------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165    |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-13 |
| Matrix:               | Soil                           | Client ID:       | P2SD-32A-01 |
| Sample wt(Dry)/vol:   | 6.7895 g                       | Lab Sample ID:   | AL20828     |
| Percent Moisture:     | 37.0                           | Date Received:   | 12/18/2008  |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008  |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008  |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 1           |
| Sulfur Cleanup: YES   |                                |                  |             |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-54

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q  |
|---------------|------------|---------------|--------------------|----|
| 1             | 12674-11-2 | Aroclor 1016  | 0.0736             | U  |
| 1             | 11104-28-2 | Aroclor 1221  | 0.0736             | U  |
| 1             | 11141-16-5 | Aroclor 1232  | 0.0736             | U  |
| 1             | 53469-21-9 | Aroclor 1242  | 0.0736             | U  |
| 1             | 12672-29-6 | Aroclor 1248  | 0.0990             | PE |
| 1             | 11097-69-1 | Aroclor 1254  | 0.0736             | U  |
| 1             | 11096-82-5 | Aroclor 1260  | 0.0736             | U  |

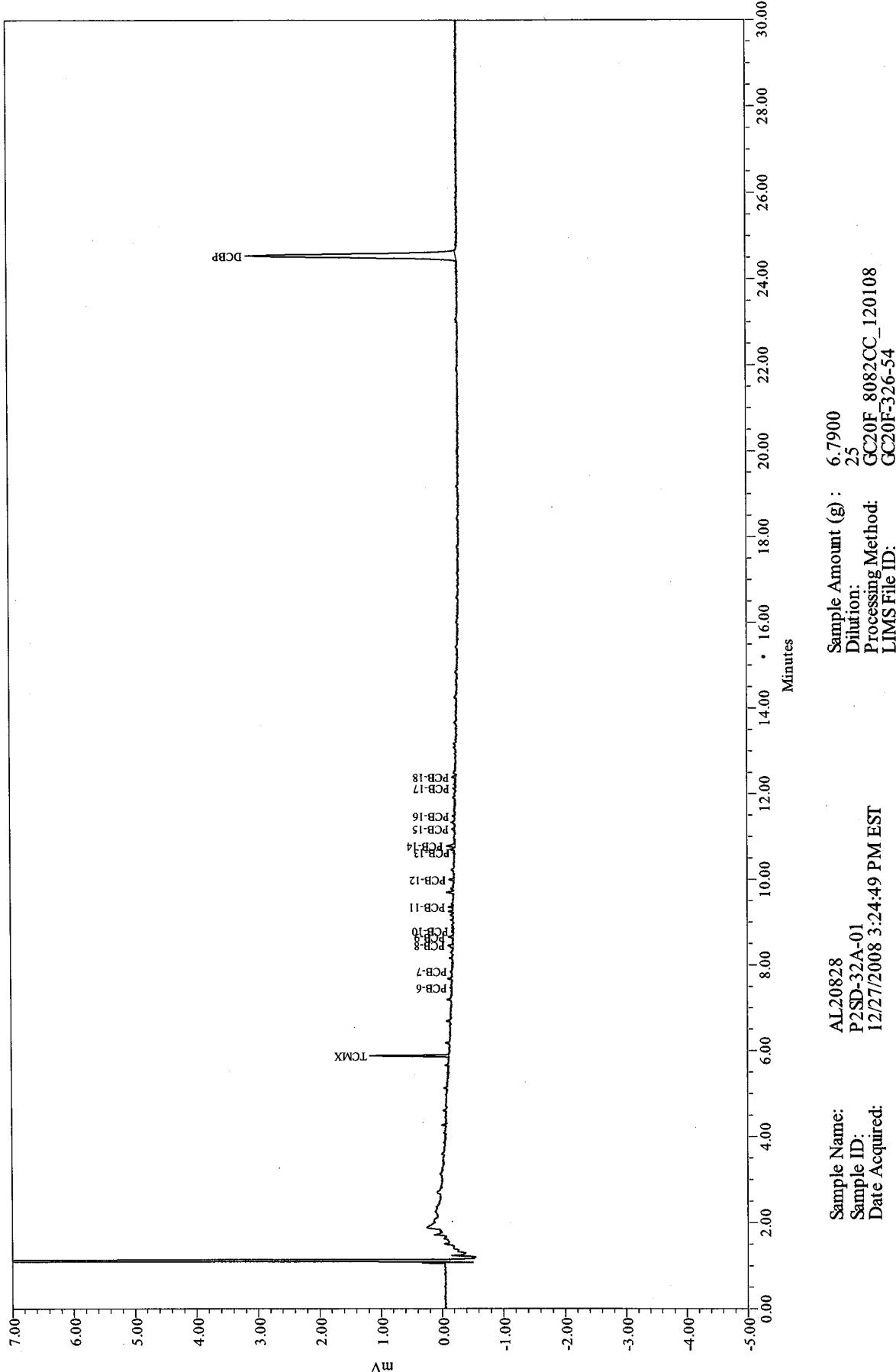
Laboratory Qualifiers:

PE-Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCB present in sample that has undergone environmental alteration.

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



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Sample Name: AL20828  
Sample ID: P2SD-32A-01  
Date Acquired: 12/27/2008 3:24:49 PM EST

Sample Name: AL20828  
Sample ID: P2SD-32A-01  
Date Acquired: 12/27/2008 3:24:49 PM EST

Sample Amount (g) : 6.7900  
Dilution: 25  
Processing Method: GC20F 8082CC\_120108  
LIMS File ID: GC20F-326-54



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|                    |                           |                     |                            |
|--------------------|---------------------------|---------------------|----------------------------|
| Sample Name:       | AL20828                   | Sample Amount (g) : | 6.7900                     |
| Sample ID:         | P2SD-32A-01               | Dilution:           | 25                         |
| Date Acquired:     | 12/27/2008 3:24:49 PM EST | Extract Volume:     | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008        | Date Processed:     | 12/29/2008 11:01:29 AM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:          | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108       | Current Date:       | 12/29/2008                 |
| Run Time:          | 30.0 Minutes              | Current Time:       | 11:44:44 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL        | LIMS File ID:       | GC20F-326-54               |

#### Peak Results

|    | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|----|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1  | TCMX      | 5.88            | bb               | 1986          | 8.611                | 86.1        |             |
| 2  | PCB-6     | 7.47            | bb               | 56            |                      |             |             |
| 3  | PCB-7     | 7.85            | bb               | 50            |                      |             |             |
| 4  | PCB-8     | 8.46            | bb               | 262           |                      |             |             |
| 5  | PCB-9     | 8.66            | bb               | 192           |                      |             |             |
| 6  | PCB-10    | 8.80            | vb               | 62            |                      |             |             |
| 7  | PCB-11    | 9.36            | bb               | 155           |                      |             |             |
| 8  | PCB-12    | 10.00           | bb               | 190           |                      |             |             |
| 9  | PCB-13    | 10.63           | bv               | 79            |                      |             |             |
| 10 | PCB-14    | 10.78           | Vv               | 407           |                      |             |             |
| 11 | PCB-15    | 11.18           | bb               | 121           |                      |             |             |
| 12 | PCB-16    | 11.48           | bb               | 72            |                      |             |             |
| 13 | PCB-17    | 12.13           | vb               | 57            |                      |             |             |
| 14 | PCB-18    | 12.39           | bb               | 167           |                      |             |             |
| 15 | DCBP      | 24.55           | bb               | 19409         | 92.682               |             | 92.7        |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1016       | 621                 | 11.265               | 0.04147     | 0.0736   | NR     |      |
| 2 | A1232       | 565                 | 25.651               | 0.09444     | 0.0736   | NR     |      |
| 3 | A1232-8/9   | 111                 | 15.359               | 0.05655     | 0.0736   | NR     |      |
| 4 | A1242       | 621                 | 16.121               | 0.05935     | 0.0736   | NR     |      |
| 5 | A1248       | 952                 | 26.878               | 0.09896     | 0.0736   | X PE   |      |
| 6 | A1248-11/15 | 676                 | 29.286               | 0.10783     | 0.0736   | NR     |      |
| 7 | A1248-14/15 | 423                 | 22.199               | 0.08174     | 0.0736   | NR     |      |
| 8 | A1254       | 297                 | 3.976                | 0.01464     | 0.0736   | NR     |      |
| 9 | A1254-17/18 | 72                  | 1.337                | 0.00492     | 0.0736   | NR     |      |

**Group Results**

|    | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|----|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 10 | A1254-19/20 | 297                 | 7.060                | 0.02600     | 0.0736   | NR     |      |
| 11 | A1254-20    | 297                 | 4.703                | 0.01732     | 0.0736   | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |             |
|-----------------------|--------------------------------|------------------|-------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165    |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-14 |
| Matrix:               | Sediment                       | Client ID:       | P2SD-33A-01 |
| Sample wt(Dry)/vol:   | 3.8309 g                       | Lab Sample ID:   | AL20829     |
| Percent Moisture:     | 64.4                           | Date Received:   | 12/18/2008  |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008  |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008  |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 1           |
| Sulfur Cleanup: YES   |                                |                  |             |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-55

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q  |
|---------------|------------|---------------|--------------------|----|
| 1             | 12674-11-2 | Aroclor 1016  | 0.131              | U  |
| 1             | 11104-28-2 | Aroclor 1221  | 0.131              | U  |
| 1             | 11141-16-5 | Aroclor 1232  | 0.131              | U  |
| 1             | 53469-21-9 | Aroclor 1242  | 0.131              | AD |
| 1             | 12672-29-6 | Aroclor 1248  | 0.131              | U  |
| 1             | 11097-69-1 | Aroclor 1254  | 0.131              | U  |
| 1             | 11096-82-5 | Aroclor 1260  | 0.131              | U  |

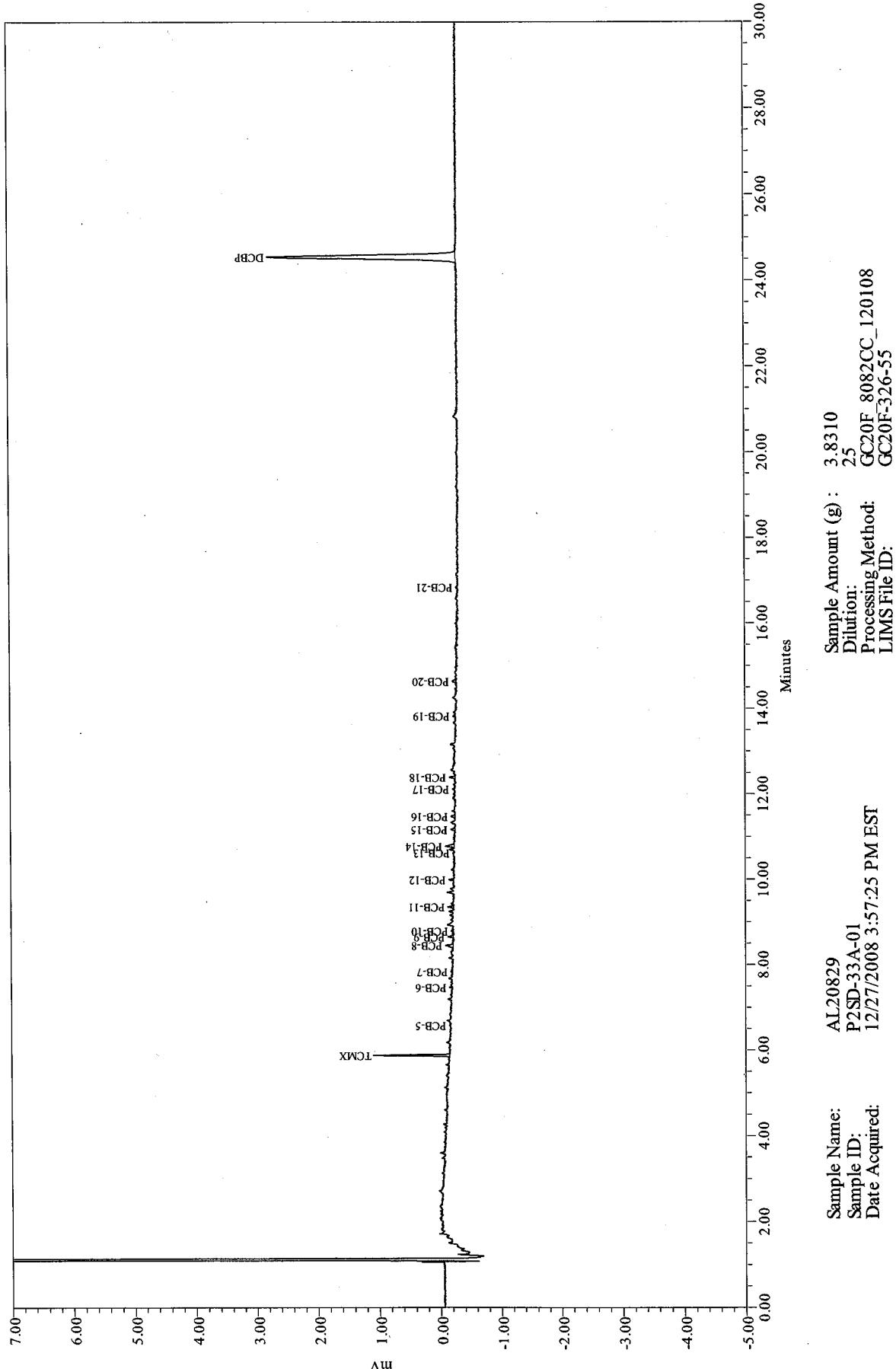
Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308  
Phone: (518) 346-4592 Fax: (518) 381-6055  
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Sample Name: AL20829  
Sample ID: P2SD-33A-01  
Date Acquired: 12/27/2008 3:57:25 PM EST

Sample Amount (g): 3.8310  
Dilution: 25  
Processing Method: GC20F 8082CC\_120108  
LIMS File ID: GC20F-326-55



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|                    |                           |                    |                            |
|--------------------|---------------------------|--------------------|----------------------------|
| Sample Name:       | AL20829                   | Sample Amount (g): | 3.8310                     |
| Sample ID:         | P2SD-33A-01               | Dilution:          | 25                         |
| Date Acquired:     | 12/27/2008 3:57:25 PM EST | Extract Volume:    | 25                         |
| Project Name:      | PCBGC20F_Sep_2008         | Date Processed:    | 12/29/2008 11:03:06 AM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:         | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108       | Current Date:      | 12/29/2008                 |
| Run Time:          | 30.0 Minutes              | Current Time:      | 11:44:46 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL        | LIMS File ID:      | GC20F-326-55               |

#### Peak Results

|    | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|----|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1  | TCMX      | 5.88            | bb               | 1906          | 8.252                | 82.5        |             |
| 2  | PCB-5     | 6.58            | bb               | 19            |                      |             |             |
| 3  | PCB-6     | 7.47            | bv               | 77            |                      |             |             |
| 4  | PCB-7     | 7.84            | bb               | 90            |                      |             |             |
| 5  | PCB-8     | 8.46            | bb               | 328           |                      |             |             |
| 6  | PCB-9     | 8.66            | bb               | 201           |                      |             |             |
| 7  | PCB-10    | 8.79            | bb               | 71            |                      |             |             |
| 8  | PCB-11    | 9.36            | bb               | 205           |                      |             |             |
| 9  | PCB-12    | 10.00           | bb               | 151           |                      |             |             |
| 10 | PCB-13    | 10.62           | bb               | 37            |                      |             |             |
| 11 | PCB-14    | 10.78           | Vb               | 414           |                      |             |             |
| 12 | PCB-15    | 11.17           | bb               | 185           |                      |             |             |
| 13 | PCB-16    | 11.48           | bb               | 148           |                      |             |             |
| 14 | PCB-17    | 12.12           | bb               | 58            |                      |             |             |
| 15 | PCB-18    | 12.39           | bb               | 213           |                      |             |             |
| 16 | PCB-19    | 13.83           | bb               | 98            |                      |             |             |
| 17 | PCB-20    | 14.64           | bb               | 179           |                      |             |             |
| 18 | PCB-21    | 16.85           | bb               | 50            |                      |             |             |
| 19 | DCBP      | 24.55           | bb               | 17794         | 84.770               |             | 84.8        |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1016      | 768                 | 14.679               | 0.09579     | 0.131    | NR     |      |
| 2 | A1221      | 19                  | 0.624                | 0.00407     | 0.131    | NR     |      |
| 3 | A1221-2    | 19                  | 1.172                | 0.00765     | 0.131    | NR     |      |
| 4 | A1232      | 709                 | 32.376               | 0.21128     | 0.131    | NR     |      |
| 5 | A1232-8/9  | 179                 | 22.230               | 0.14507     | 0.131    | NR     |      |

**Group Results**

|    | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|----|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 6  | A1242       | 768                 | 20.143               | 0.13144     | 0.131    | X      | AD   |
| 7  | A1248       | 992                 | 28.018               | 0.18284     | 0.131    | NR     |      |
| 8  | A1248-11/15 | 603                 | 26.128               | 0.17051     | 0.131    | NR     |      |
| 9  | A1248-14/15 | 393                 | 20.407               | 0.13317     | 0.131    | NR     |      |
| 10 | A1254       | 697                 | 11.688               | 0.07627     | 0.131    | NR     |      |
| 11 | A1254-17/18 | 425                 | 12.824               | 0.08368     | 0.131    | NR     |      |
| 12 | A1254-19/20 | 420                 | 11.118               | 0.07255     | 0.131    | NR     |      |
| 13 | A1254-20    | 518                 | 10.266               | 0.06700     | 0.131    | NR     |      |
| 14 | A1260       | 229                 | 3.251                | 0.02121     | 0.131    | NR     |      |
| 15 | A1260-20    | 50                  | 1.237                | 0.00807     | 0.131    | NR     |      |
| 16 | A1260-23/24 | 229                 | 3.280                | 0.02141     | 0.131    | NR     |      |
| 17 | A1262       | 229                 |                      |             |          | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |             |
|-----------------------|--------------------------------|------------------|-------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165    |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-15 |
| Matrix:               | Sediment                       | Client ID:       | P2SD-33B-01 |
| Sample wt(Dry)/vol:   | 4.9865 g                       | Lab Sample ID:   | AL20830     |
| Percent Moisture:     | 52.2                           | Date Received:   | 12/18/2008  |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008  |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008  |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 1           |
| Sulfur Cleanup: YES   |                                |                  |             |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-57

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

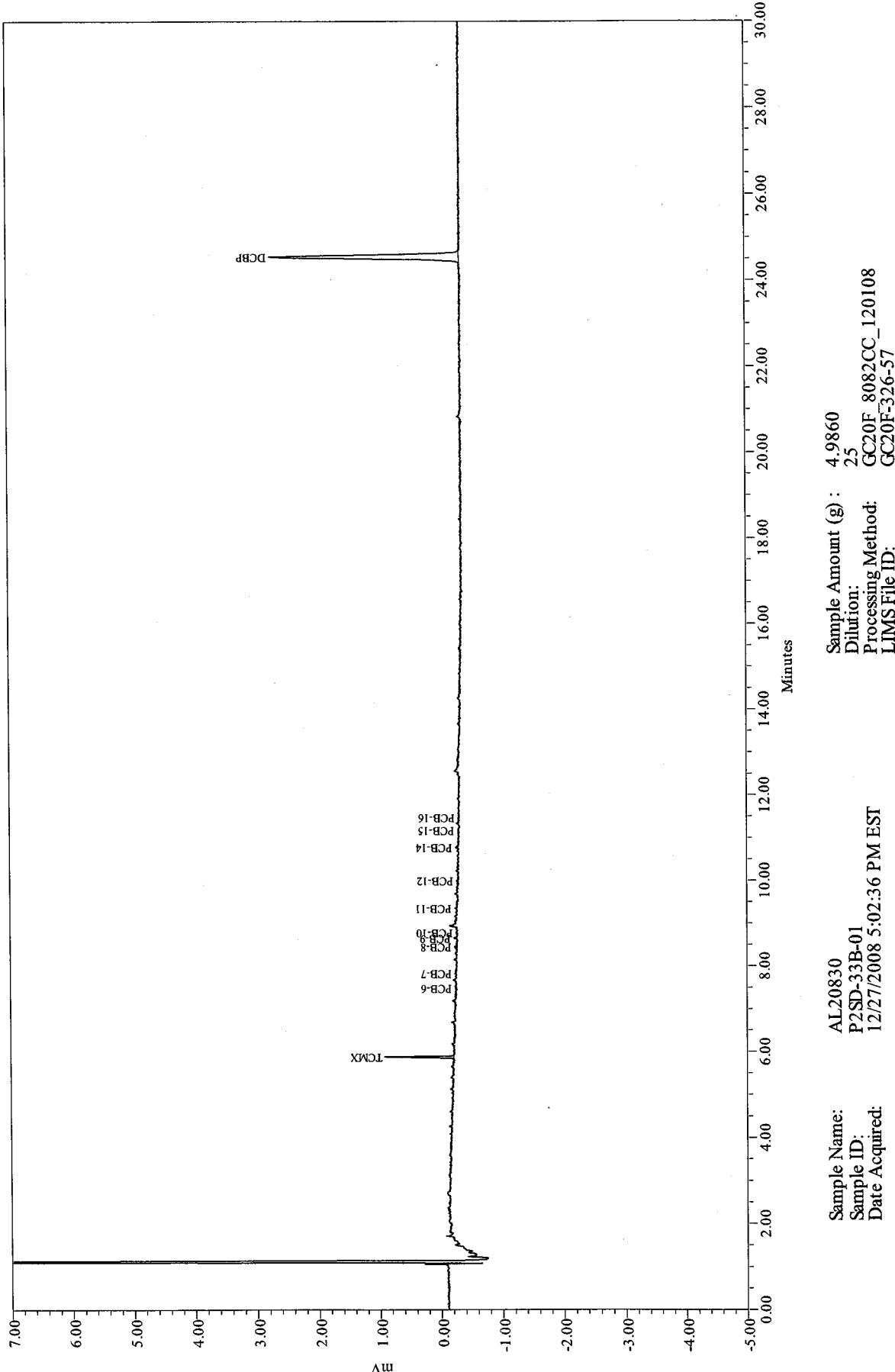
| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q |
|---------------|------------|---------------|--------------------|---|
| 1             | 12674-11-2 | Aroclor 1016  | 0.100              | U |
| 1             | 11104-28-2 | Aroclor 1221  | 0.100              | U |
| 1             | 11141-16-5 | Aroclor 1232  | 0.100              | U |
| 1             | 53469-21-9 | Aroclor 1242  | 0.100              | U |
| 1             | 12672-29-6 | Aroclor 1248  | 0.100              | U |
| 1             | 11097-69-1 | Aroclor 1254  | 0.100              | U |
| 1             | 11096-82-5 | Aroclor 1260  | 0.100              | U |

Laboratory Qualifiers:

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



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Phone: (518) 346-4592 Fax: (518) 381-6055  
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|                    |                           |                    |                            |
|--------------------|---------------------------|--------------------|----------------------------|
| Sample Name:       | AL20830                   | Sample Amount (g): | 4.9860                     |
| Sample ID:         | P2SD-33B-01               | Dilution:          | 25                         |
| Date Acquired:     | 12/27/2008 5:02:36 PM EST | Extract Volume:    | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008        | Date Processed:    | 12/29/2008 11:07:58 AM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:         | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108       | Current Date:      | 12/29/2008                 |
| Run Time:          | 30.0 Minutes              | Current Time:      | 11:44:47 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL        | LIMS File ID:      | GC20F-326-57               |

#### Peak Results

|    | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|----|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1  | TCMX      | 5.88            | bb               | 1738          | 7.495                | 75.0        |             |
| 2  | PCB-6     | 7.49            | bb               | 49            |                      |             |             |
| 3  | PCB-7     | 7.83            | vb               | 23            |                      |             |             |
| 4  | PCB-8     | 8.46            | bb               | 120           |                      |             |             |
| 5  | PCB-9     | 8.66            | bb               | 89            |                      |             |             |
| 6  | PCB-10    | 8.79            | bb               | 12            |                      |             |             |
| 7  | PCB-11    | 9.35            | bb               | 37            |                      |             |             |
| 8  | PCB-12    | 10.00           | bb               | 53            |                      |             |             |
| 9  | PCB-14    | 10.78           | bb               | 92            |                      |             |             |
| 10 | PCB-15    | 11.17           | bb               | 12            |                      |             |             |
| 11 | PCB-16    | 11.47           | bb               | 13            |                      |             |             |
| 12 | DCBP      | 24.55           | bb               | 17739         | 84.498               |             | 84.5        |

#### Group Results

|    | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|----|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 1  | A1016       | 292                 | 3.644                | 0.01827     | 0.100    | NR     |      |
| 2  | A1232       | 243                 | 10.643               | 0.05336     | 0.100    | NR     |      |
| 3  | A1232-8/9   | 35                  | 7.601                | 0.03811     | 0.100    | NR     |      |
| 4  | A1242       | 292                 | 7.145                | 0.03583     | 0.100    | NR     |      |
| 5  | A1248       | 194                 | 5.588                | 0.02802     | 0.100    | NR     |      |
| 6  | A1248-11/15 | 145                 | 6.327                | 0.03172     | 0.100    | NR     |      |
| 7  | A1248-14/15 | 91                  | 2.280                | 0.01143     | 0.100    | NR     |      |
| 8  | A1254       | 13                  |                      |             | 0.100    | NR     |      |
| 9  | A1254-17/18 | 13                  |                      |             | 0.100    | NR     |      |
| 10 | A1254-19/20 | 13                  |                      |             | 0.100    | NR     |      |
| 11 | A1254-20    | 13                  |                      |             | 0.100    | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |             |
|-----------------------|--------------------------------|------------------|-------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165    |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-16 |
| Matrix:               | Sediment                       | Client ID:       | P2SD-34A-01 |
| Sample wt(Dry)/vol:   | 4.1628 g                       | Lab Sample ID:   | AL20831     |
| Percent Moisture:     | 58.6                           | Date Received:   | 12/18/2008  |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008  |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008  |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 2           |
| Sulfur Cleanup: YES   |                                |                  |             |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-58

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q  |
|---------------|------------|---------------|--------------------|----|
| 1             | 12674-11-2 | Aroclor 1016  | 0.240              | U  |
| 1             | 11104-28-2 | Aroclor 1221  | 0.240              | U  |
| 1             | 11141-16-5 | Aroclor 1232  | 0.240              | U  |
| 1             | 53469-21-9 | Aroclor 1242  | 0.916              | AD |
| 1             | 12672-29-6 | Aroclor 1248  | 0.240              | U  |
| 1             | 11097-69-1 | Aroclor 1254  | 2.77               | AF |
| 1             | 11096-82-5 | Aroclor 1260  | 0.504              | AG |

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

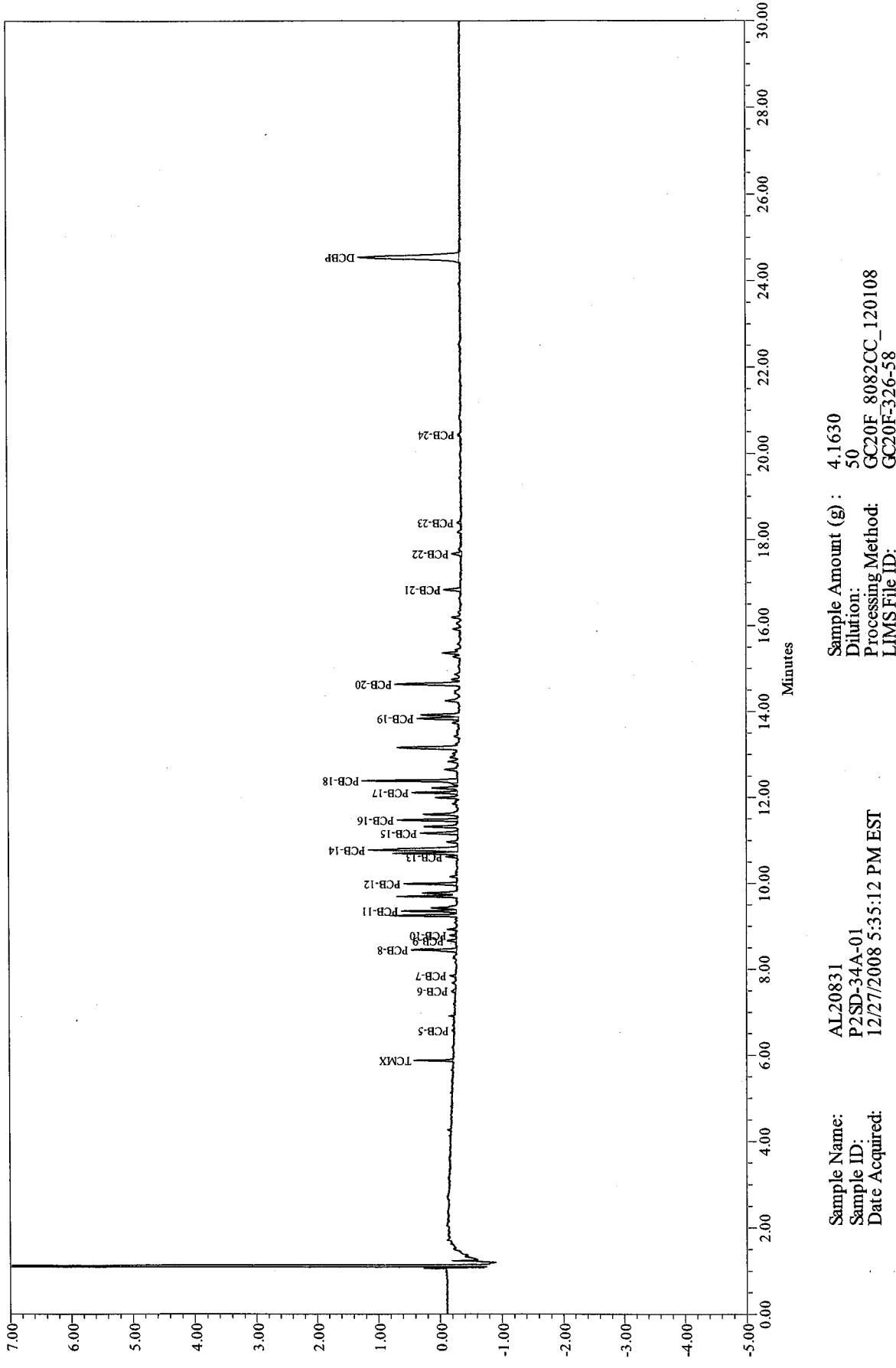
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AG-Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



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Sample Name: AL20831  
Sample ID: P2SD-34A-01  
Date Acquired: 12/27/2008 5:35:12 PM EST

Sample Name: AL20831  
Sample ID: P2SD-34A-01  
Processing Method: GC20F 8082CC\_120108  
LIMS File ID:

Sample Amount (g) : 4.1630  
Dilution: 50  
Processing Method: GC20F 8082CC\_120108  
LIMS File ID:



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|                    |                           |                    |                            |
|--------------------|---------------------------|--------------------|----------------------------|
| Sample Name:       | AL20831                   | Sample Amount (g): | 4.1630                     |
| Sample ID:         | P2SD-34A-01               | Dilution:          | 50                         |
| Date Acquired:     | 12/27/2008 5:35:12 PM EST | Extract Volume:    | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008        | Date Processed:    | 12/29/2008 11:13:04 AM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:         | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108       | Current Date:      | 12/29/2008                 |
| Run Time:          | 30.0 Minutes              | Current Time:      | 11:44:49 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL        | LIMS File ID:      | GC20F-326-58               |

#### Peak Results

|    | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|----|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1  | TCMX      | 5.88            | bb               | 940           | 3.904                | 78.1        |             |
| 2  | PCB-5     | 6.57            | bb               | 64            |                      |             |             |
| 3  | PCB-6     | 7.50            | bb               | 257           |                      |             |             |
| 4  | PCB-7     | 7.85            | bb               | 175           |                      |             |             |
| 5  | PCB-8     | 8.46            | bb               | 1786          |                      |             |             |
| 6  | PCB-9     | 8.67            | bb               | 409           |                      |             |             |
| 7  | PCB-10    | 8.80            | bb               | 194           |                      |             |             |
| 8  | PCB-11    | 9.36            | bV               | 1680          |                      |             |             |
| 9  | PCB-12    | 9.99            | bb               | 1815          |                      |             |             |
| 10 | PCB-13    | 10.62           | bV               | 372           |                      |             |             |
| 11 | PCB-14    | 10.78           | Vb               | 4865          |                      |             |             |
| 12 | PCB-15    | 11.17           | bb               | 1505          |                      |             |             |
| 13 | PCB-16    | 11.48           | bb               | 2156          |                      |             |             |
| 14 | PCB-17    | 12.12           | BV               | 1681          |                      |             |             |
| 15 | PCB-18    | 12.39           | vb               | 3688          |                      |             |             |
| 16 | PCB-19    | 13.84           | bV               | 1738          |                      |             |             |
| 17 | PCB-20    | 14.64           | bb               | 2809          |                      |             |             |
| 18 | PCB-21    | 16.84           | bb               | 763           |                      |             |             |
| 19 | PCB-22    | 17.68           | bv               | 572           |                      |             |             |
| 20 | PCB-23    | 18.40           | bb               | 212           |                      |             |             |
| 21 | PCB-24    | 20.44           | bb               | 120           |                      |             |             |
| 22 | DCBP      | 24.55           | bb               | 9341          | 43.347               |             | 86.7        |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1016      | 2821                | 62.330               | 0.74862     | 0.240    | NR     |      |
| 2 | A1221      | 64                  | 4.608                | 0.05534     | 0.240    | NR     |      |

**Group Results**

|    | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|----|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 3  | A1221-2     | 64                  | 5.395                | 0.06480     | 0.240    | NR     |      |
| 4  | A1232       | 2628                | 121.932              | 1.46448     | 0.240    | NR     |      |
| 5  | A1232-8/9   | 433                 | 47.965               | 0.57608     | 0.240    | NR     |      |
| 6  | A1242       | 2821                | 76.270               | 0.91605     | 0.240    | X      | AD   |
| 7  | A1248       | 10237               | 287.771              | 3.45629     | 0.240    | NR     |      |
| 8  | A1248-11/15 | 7052                | 305.009              | 3.66333     | 0.240    | NR     |      |
| 9  | A1248-14/15 | 3867                | 228.539              | 2.74488     | 0.240    | NR     |      |
| 10 | A1254       | 12072               | 230.867              | 2.77285     | 0.240    | X      | AF   |
| 11 | A1254-17/18 | 6703                | 217.156              | 2.60816     | 0.240    | NR     |      |
| 12 | A1254-19/20 | 7525                | 244.493              | 2.93650     | 0.240    | NR     |      |
| 13 | A1254-20    | 9263                | 229.737              | 2.75927     | 0.240    | NR     |      |
| 14 | A1260       | 4476                | 79.485               | 0.95466     | 0.240    | NR     |      |
| 15 | A1260-20    | 1667                | 41.954               | 0.50389     | 0.240    | X      | AG   |
| 16 | A1260-23/24 | 4144                | 88.215               | 1.05951     | 0.240    | NR     |      |
| 17 | A1262       | 4476                |                      |             |          | NR     |      |
| 18 | A1268       | 332                 |                      |             |          | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |                |
|-----------------------|--------------------------------|------------------|----------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165       |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-17RE1 |
| Matrix:               | Sediment                       | Client ID:       | P2SD-34B-01    |
| Sample wt(Dry)/vol:   | 5.4313 g                       | Lab Sample ID:   | AL20832RE1     |
| Percent Moisture:     | 46.4                           | Date Received:   | 12/18/2008     |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/26/2008     |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/29/2008     |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 1              |
|                       |                                | Sulfur Cleanup:  | YES            |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-327-15

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

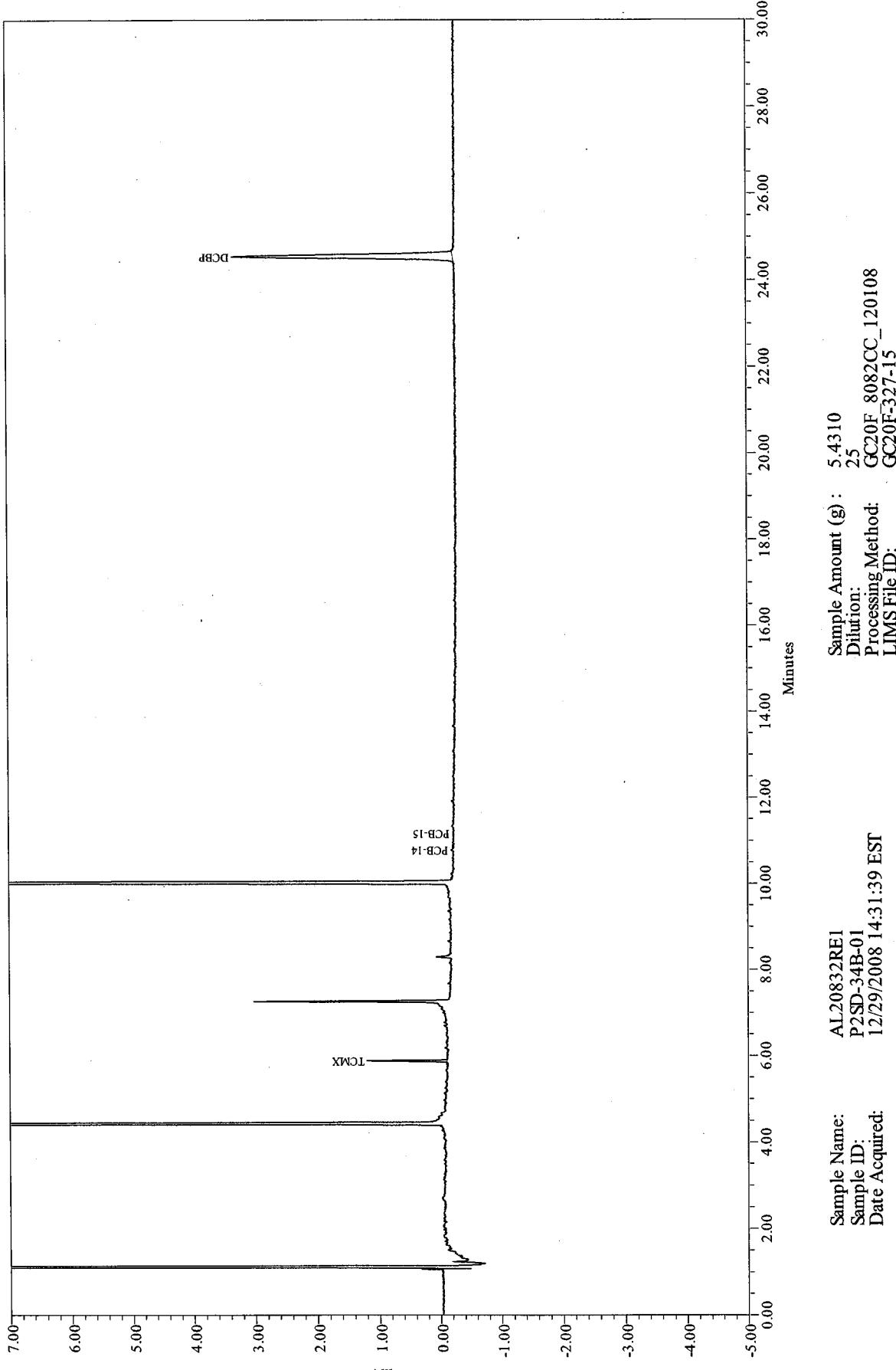
| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q |
|---------------|------------|---------------|--------------------|---|
| 1             | 12674-11-2 | Aroclor 1016  | 0.0921             | U |
| 1             | 11104-28-2 | Aroclor 1221  | 0.0921             | U |
| 1             | 11141-16-5 | Aroclor 1232  | 0.0921             | U |
| 1             | 53469-21-9 | Aroclor 1242  | 0.0921             | U |
| 1             | 12672-29-6 | Aroclor 1248  | 0.0921             | U |
| 1             | 11097-69-1 | Aroclor 1254  | 0.0921             | U |
| 1             | 11096-82-5 | Aroclor 1260  | 0.0921             | U |

Laboratory Qualifiers:

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



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Phone: (518) 346-4592 Fax: (518) 381-6055  
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|                    |                         |                    |                         |
|--------------------|-------------------------|--------------------|-------------------------|
| Sample Name:       | AL20832RE1              | Sample Amount (g): | 5.4310                  |
| Sample ID:         | P2SD-34B-01             | Dilution:          | 25                      |
| Date Acquired:     | 12/29/2008 14:31:39 EST | Extract Volume:    | 25                      |
| Project Name:      | PCBGC20F_Sep_2008       | Date Processed:    | 12/30/2008 06:12:41 EST |
| Sample Set Name:   | GC20F_8082S_122908      | User Name:         | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:      | 12/30/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:      | 06:20:04 US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL      | LIMS File ID:      | GC20F-327-15            |

#### Peak Results

|   | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.88            | bb               | 2018          | 8.756                | 87.6        |             |
| 2 | PCB-14    | 10.79           | bb               | 73            |                      |             |             |
| 3 | PCB-15    | 11.17           | bb               | 26            |                      |             |             |
| 4 | DCBP      | 24.55           | bb               | 20710         | 99.058               |             | 99.1        |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1248       | 99                  | 2.930                | 0.01349     | 0.0921   | NR     |      |
| 2 | A1248-11/15 | 73                  | 3.239                | 0.01491     | 0.0921   | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |             |
|-----------------------|--------------------------------|------------------|-------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165    |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-18 |
| Matrix:               | Sediment                       | Client ID:       | P2SD-35A-01 |
| Sample wt(Dry)/vol:   | 4.8205 g                       | Lab Sample ID:   | AL20833     |
| Percent Moisture:     | 52.8                           | Date Received:   | 12/18/2008  |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008  |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008  |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 2           |
|                       |                                | Sulfur Cleanup:  | YES         |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-59

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q  |
|---------------|------------|---------------|--------------------|----|
| 1             | 12674-11-2 | Aroclor 1016  | 0.207              | U  |
| 1             | 11104-28-2 | Aroclor 1221  | 0.207              | U  |
| 1             | 11141-16-5 | Aroclor 1232  | 0.207              | U  |
| 1             | 53469-21-9 | Aroclor 1242  | 0.641              | AD |
| 1             | 12672-29-6 | Aroclor 1248  | 0.207              | U  |
| 1             | 11097-69-1 | Aroclor 1254  | 1.53               | AF |
| 1             | 11096-82-5 | Aroclor 1260  | 0.327              | AG |

Laboratory Qualifiers:

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

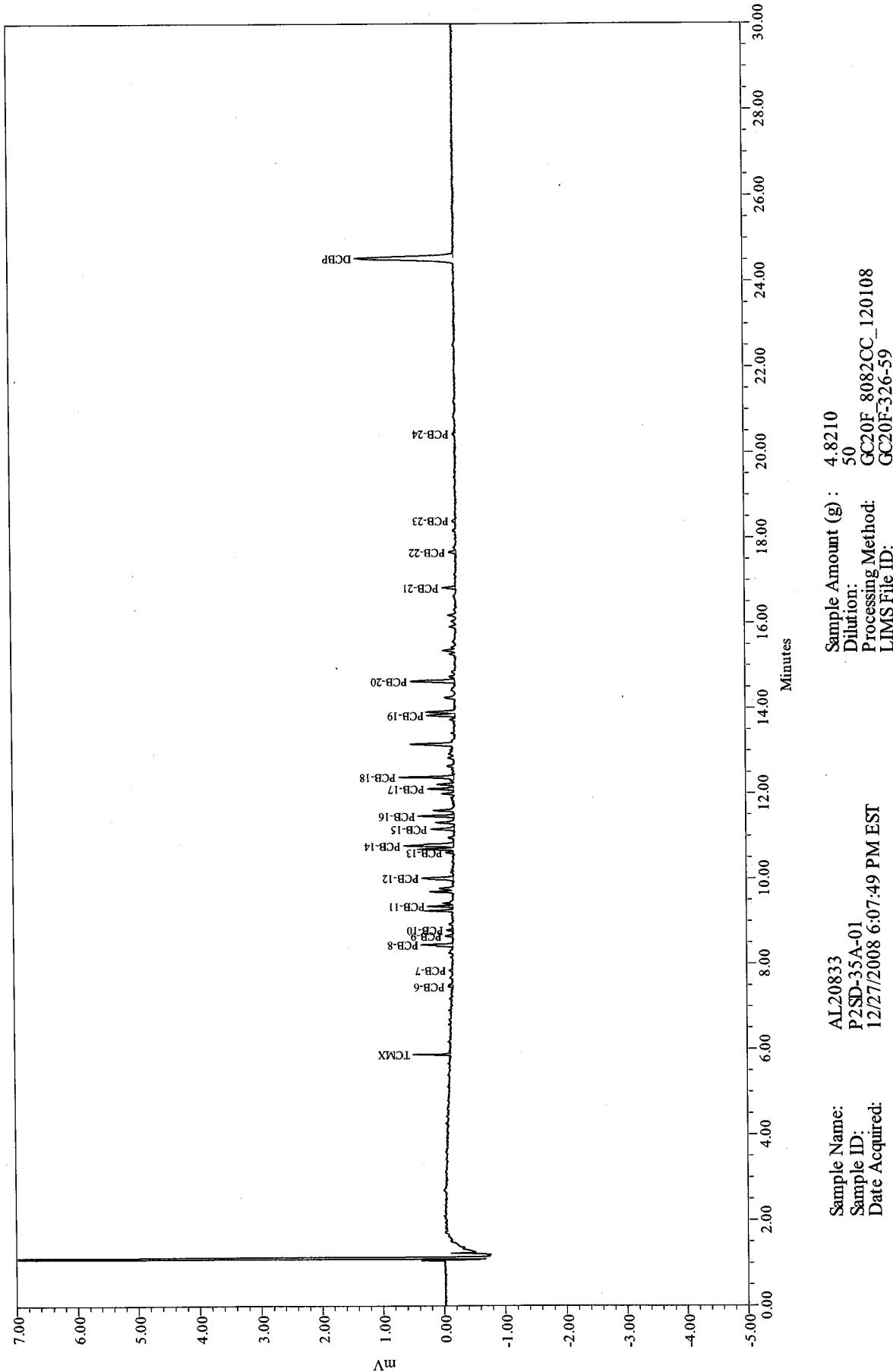
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AG-Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308  
Phone: (518) 346-4592 Fax: (518) 381-6055  
[www.nealab.com](http://www.nealab.com)





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|                    |                           |                     |                            |
|--------------------|---------------------------|---------------------|----------------------------|
| Sample Name:       | AL20833                   | Sample Amount (g) : | 4.8210                     |
| Sample ID:         | P2SD-35A-01               | Dilution:           | 50                         |
| Date Acquired:     | 12/27/2008 6:07:49 PM EST | Extract Volume:     | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008        | Date Processed:     | 12/29/2008 11:15:53 AM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:          | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108       | Current Date:       | 12/29/2008                 |
| Run Time:          | 30.0 Minutes              | Current Time:       | 11:44:52 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL        | LIMS File ID:       | GC20F-326-59               |

Peak Results

|    | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|----|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1  | TCMX      | 5.88            | bb               | 959           | 3.989                | 79.8        |             |
| 2  | PCB-6     | 7.47            | bv               | 220           |                      |             |             |
| 3  | PCB-7     | 7.85            | bb               | 149           |                      |             |             |
| 4  | PCB-8     | 8.46            | bb               | 1391          |                      |             |             |
| 5  | PCB-9     | 8.66            | bb               | 307           |                      |             |             |
| 6  | PCB-10    | 8.80            | bb               | 225           |                      |             |             |
| 7  | PCB-11    | 9.36            | bV               | 815           |                      |             |             |
| 8  | PCB-12    | 10.02           | bb               | 1749          |                      |             |             |
| 9  | PCB-13    | 10.62           | bB               | 244           |                      |             |             |
| 10 | PCB-14    | 10.78           | Vb               | 2655          |                      |             |             |
| 11 | PCB-15    | 11.17           | bb               | 932           |                      |             |             |
| 12 | PCB-16    | 11.48           | bV               | 1308          |                      |             |             |
| 13 | PCB-17    | 12.12           | bV               | 945           |                      |             |             |
| 14 | PCB-18    | 12.39           | vb               | 2212          |                      |             |             |
| 15 | PCB-19    | 13.84           | bV               | 1253          |                      |             |             |
| 16 | PCB-20    | 14.64           | bV               | 2049          |                      |             |             |
| 17 | PCB-21    | 16.84           | bb               | 578           |                      |             |             |
| 18 | PCB-22    | 17.67           | bV               | 393           |                      |             |             |
| 19 | PCB-23    | 18.41           | bb               | 215           |                      |             |             |
| 20 | PCB-24    | 20.45           | bb               | 69            |                      |             |             |
| 21 | DCBP      | 24.55           | bb               | 9258          | 42.939               |             | 85.9        |

Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1016      | 2290                | 50.019               | 0.51876     | 0.207    | NR     |      |
| 2 | A1232      | 2071                | 95.942               | 0.99505     | 0.207    | NR     |      |
| 3 | A1232-8/9  | 373                 | 41.898               | 0.43453     | 0.207    | NR     |      |

**Group Results**

|    | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|----|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 4  | A1242       | 2290                | 61.769               | 0.64062     | 0.207    | X      | AD   |
| 5  | A1248       | 6395                | 179.839              | 1.86517     | 0.207    | NR     |      |
| 6  | A1248-11/15 | 4648                | 201.070              | 2.08536     | 0.207    | NR     |      |
| 7  | A1248-14/15 | 2808                | 165.123              | 1.71254     | 0.207    | NR     |      |
| 8  | A1254       | 7767                | 147.923              | 1.53415     | 0.207    | X      | AF   |
| 9  | A1254-17/18 | 4610                | 149.044              | 1.54578     | 0.207    | NR     |      |
| 10 | A1254-19/20 | 4465                | 143.992              | 1.49338     | 0.207    | NR     |      |
| 11 | A1254-20    | 5718                | 140.770              | 1.45997     | 0.207    | NR     |      |
| 12 | A1260       | 3304                | 58.443               | 0.60613     | 0.207    | NR     |      |
| 13 | A1260-20    | 1255                | 31.567               | 0.32739     | 0.207    | X      | AG   |
| 14 | A1260-23/24 | 3021                | 63.841               | 0.66211     | 0.207    | NR     |      |
| 15 | A1262       | 3304                |                      |             |          | NR     |      |
| 16 | A1268       | 283                 |                      |             |          | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |             |
|-----------------------|--------------------------------|------------------|-------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165    |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-19 |
| Matrix:               | Soil                           | Client ID:       | P2SL-36A-01 |
| Sample wt(Dry)/vol:   | 4.8870 g                       | Lab Sample ID:   | AL20834     |
| Percent Moisture:     | 51.3                           | Date Received:   | 12/18/2008  |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008  |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008  |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 30          |
|                       |                                | Sulfur Cleanup:  | YES         |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-60

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q  |
|---------------|------------|---------------|--------------------|----|
| 1             | 12674-11-2 | Aroclor 1016  | 3.07               | U  |
| 1             | 11104-28-2 | Aroclor 1221  | 3.07               | U  |
| 1             | 11141-16-5 | Aroclor 1232  | 3.07               | U  |
| 1             | 53469-21-9 | Aroclor 1242  | 35.7               | AD |
| 1             | 12672-29-6 | Aroclor 1248  | 3.07               | U  |
| 1             | 11097-69-1 | Aroclor 1254  | 11.0               | AF |
| 1             | 11096-82-5 | Aroclor 1260  | 3.07               | U  |

Laboratory Qualifiers:

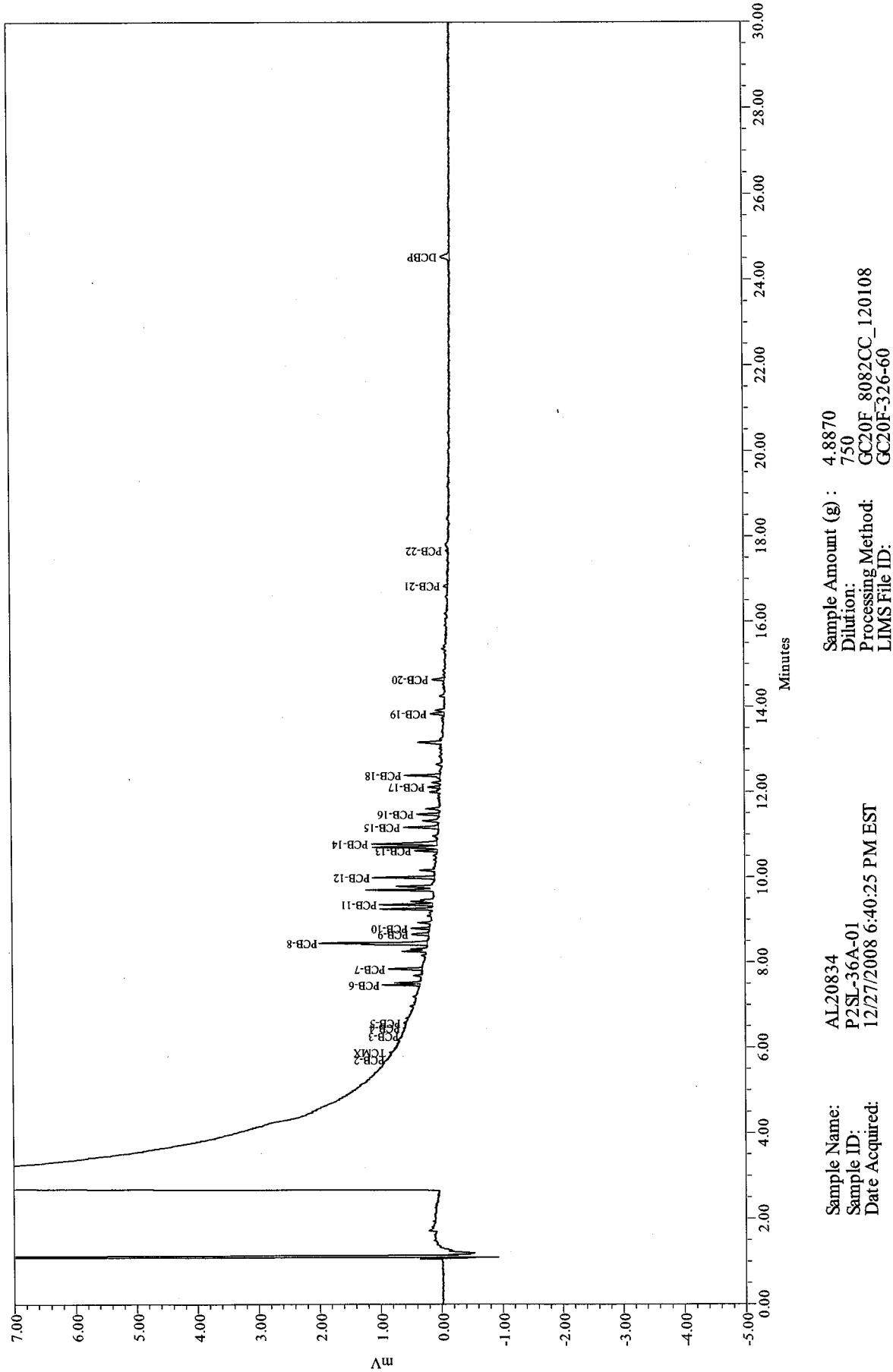
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308  
Phone: (518) 346-4592 Fax: (518) 381-6055  
[www.nealab.com](http://www.nealab.com)





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|                    |                           |                     |                            |
|--------------------|---------------------------|---------------------|----------------------------|
| Sample Name:       | AL20834                   | Sample Amount (g) : | 4.8870                     |
| Sample ID:         | P2SL-36A-01               | Dilution:           | 750                        |
| Date Acquired:     | 12/27/2008 6:40:25 PM EST | Extract Volume:     | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008        | Date Processed:     | 12/29/2008 11:20:19 AM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:          | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108       | Current Date:       | 12/29/2008                 |
| Run Time:          | 30.0 Minutes              | Current Time:       | 11:44:53 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL        | LIMS File ID:       | GC20F-326-60               |

Peak Results

|    | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|----|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1  | PCB-2     | 5.72            | bb               | 9             |                      |             |             |
| 2  | TCMX      | 5.89            | bb               | 70            |                      | 0           |             |
| 3  | PCB-3     | 6.27            | bb               | 0             |                      |             |             |
| 4  | PCB-4     | 6.46            | bb               | 45            |                      |             |             |
| 5  | PCB-5     | 6.58            | bb               | 75            |                      |             |             |
| 6  | PCB-6     | 7.47            | bV               | 1057          |                      |             |             |
| 7  | PCB-7     | 7.85            | bb               | 1226          |                      |             |             |
| 8  | PCB-8     | 8.46            | bb               | 4917          |                      |             |             |
| 9  | PCB-9     | 8.66            | bb               | 778           |                      |             |             |
| 10 | PCB-10    | 8.80            | bb               | 572           |                      |             |             |
| 11 | PCB-11    | 9.36            | bV               | 1635          |                      |             |             |
| 12 | PCB-12    | 10.00           | bb               | 2194          |                      |             |             |
| 13 | PCB-13    | 10.62           | bV               | 784           |                      |             |             |
| 14 | PCB-14    | 10.78           | Vb               | 2961          |                      |             |             |
| 15 | PCB-15    | 11.17           | bb               | 1280          |                      |             |             |
| 16 | PCB-16    | 11.48           | bb               | 822           |                      |             |             |
| 17 | PCB-17    | 12.12           | bb               | 432           |                      |             |             |
| 18 | PCB-18    | 12.40           | bb               | 1375          |                      |             |             |
| 19 | PCB-19    | 13.84           | bV               | 626           |                      |             |             |
| 20 | PCB-20    | 14.65           | bb               | 551           |                      |             |             |
| 21 | PCB-21    | 16.84           | bb               | 191           |                      |             |             |
| 22 | PCB-22    | 17.67           | vb               | 90            |                      |             |             |
| 23 | DCBP      | 24.54           | bb               | 936           | 2.158                |             | 64.8        |

Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1016      | 8549                | 195.269              | 29.96757    | 3.07     | NR     |      |

**Group Results**

|    | Group Name  | Group Area<br>(uV*sec) | Solution Conc.<br>ng/mL | Amount<br>ug/g | PQL<br>ug/g | Report | Note |
|----|-------------|------------------------|-------------------------|----------------|-------------|--------|------|
| 2  | A1221       | 129                    | 10.302                  | 1.58103        | 3.07        | NR     |      |
| 3  | A1221-2     | 120                    | 10.609                  | 1.62818        | 3.07        | NR     |      |
| 4  | A1221-5     | 54                     | 9.559                   | 1.46707        | 3.07        | NR     |      |
| 5  | A1232       | 7567                   | 352.478                 | 54.09418       | 3.07        | NR     |      |
| 6  | A1232-8/9   | 1873                   | 193.747                 | 29.73400       | 3.07        | NR     |      |
| 7  | A1242       | 8549                   | 232.858                 | 35.73627       | 3.07        | X      | AD   |
| 8  | A1248       | 8854                   | 248.919                 | 38.20120       | 3.07        | NR     |      |
| 9  | A1248-11/15 | 5939                   | 256.889                 | 39.42427       | 3.07        | NR     |      |
| 10 | A1248-14/15 | 4613                   | 273.242                 | 41.93399       | 3.07        | NR     |      |
| 11 | A1254       | 3806                   | 71.596                  | 10.98773       | 3.07        | X      | AF   |
| 12 | A1254-17/18 | 1999                   | 64.053                  | 9.83006        | 3.07        | NR     |      |
| 13 | A1254-19/20 | 2629                   | 83.670                  | 12.84071       | 3.07        | NR     |      |
| 14 | A1254-20    | 3254                   | 78.939                  | 12.11470       | 3.07        | NR     |      |
| 15 | A1260       | 833                    | 14.096                  | 2.16330        | 3.07        | NR     |      |
| 16 | A1260-20    | 281                    | 7.062                   | 1.08381        | 3.07        | NR     |      |
| 17 | A1260-23/24 | 833                    | 16.388                  | 2.51510        | 3.07        | NR     |      |
| 18 | A1262       | 833                    |                         |                |             | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |             |
|-----------------------|--------------------------------|------------------|-------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165    |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-20 |
| Matrix:               | Soil                           | Client ID:       | P2SL-36B-01 |
| Sample wt(Dry)/vol:   | 4.2723 g                       | Lab Sample ID:   | AL20835     |
| Percent Moisture:     | 57.9                           | Date Received:   | 12/18/2008  |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008  |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008  |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 40          |
|                       |                                | Sulfur Cleanup:  | YES         |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-61

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION |    |
|---------------|------------|---------------|---------------|----|
|               |            |               | UG/G          | Q  |
| 1             | 12674-11-2 | Aroclor 1016  | 4.68          | U  |
| 1             | 11104-28-2 | Aroclor 1221  | 4.68          | U  |
| 1             | 11141-16-5 | Aroclor 1232  | 4.68          | U  |
| 1             | 53469-21-9 | Aroclor 1242  | 57.2          | AD |
| 1             | 12672-29-6 | Aroclor 1248  | 4.68          | U  |
| 1             | 11097-69-1 | Aroclor 1254  | 9.18          | AF |
| 1             | 11096-82-5 | Aroclor 1260  | 4.68          | U  |

Laboratory Qualifiers:

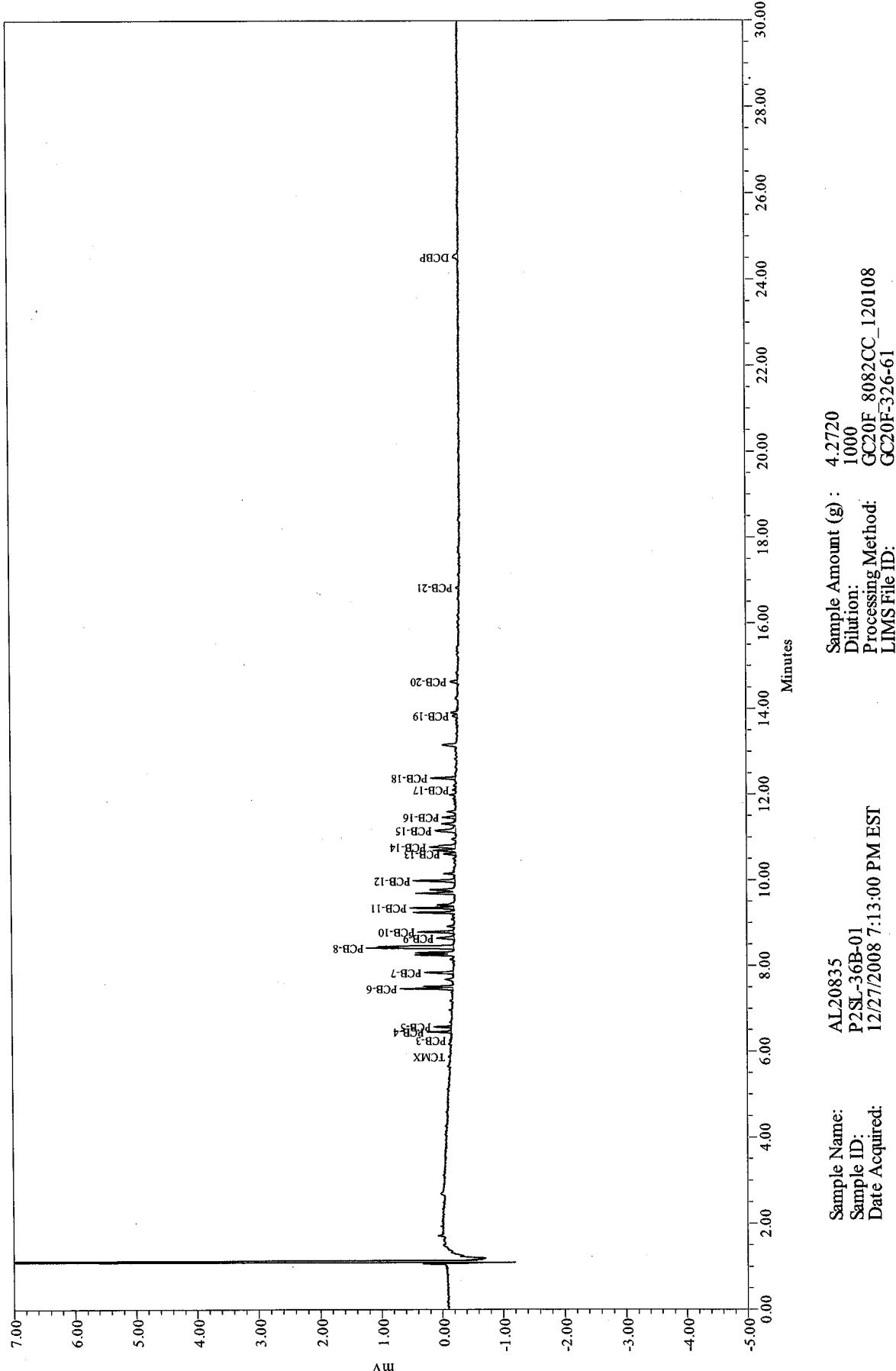
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308  
Phone: (518) 346-4592 Fax: (518) 381-6055  
[www.nealab.com](http://www.nealab.com)



Sample Name: AL20835  
Sample ID: P2SL-36B-01  
Date Acquired: 12/27/2008 7:13:00 PM EST

Sample Amount (g): 4.2720  
Dilution: 1000  
Processing Method: GC20F 8082CC\_120108  
LIMS File ID: GC20F-326-61

Sample Name: AL20835



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Phone: (518) 346-4592 Fax: (518) 381-6055  
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|                    |                           |                     |                            |
|--------------------|---------------------------|---------------------|----------------------------|
| Sample Name:       | AL20835                   | Sample Amount (g) : | 4.2720                     |
| Sample ID:         | P2SL-36B-01               | Dilution:           | 1000                       |
| Date Acquired:     | 12/27/2008 7:13:00 PM EST | Extract Volume:     | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008        | Date Processed:     | 12/29/2008 11:22:06 AM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:          | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108       | Current Date:       | 12/29/2008                 |
| Run Time:          | 30.0 Minutes              | Current Time:       | 11:44:56 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL        | LIMS File ID:       | GC20F-326-61               |

#### Peak Results

|    | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|----|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1  | TCMX      | 5.88            | bb               | 49            |                      | 0           |             |
| 2  | PCB-3     | 6.26            | bb               | 82            |                      |             |             |
| 3  | PCB-4     | 6.46            | bb               | 645           |                      |             |             |
| 4  | PCB-5     | 6.58            | bb               | 469           |                      |             |             |
| 5  | PCB-6     | 7.47            | bV               | 1513          |                      |             |             |
| 6  | PCB-7     | 7.85            | bb               | 1040          |                      |             |             |
| 7  | PCB-8     | 8.42            | bb               | 4545          |                      |             |             |
| 8  | PCB-9     | 8.65            | bb               | 797           |                      |             |             |
| 9  | PCB-10    | 8.80            | bb               | 1081          |                      |             |             |
| 10 | PCB-11    | 9.36            | bV               | 1332          |                      |             |             |
| 11 | PCB-12    | 9.99            | bb               | 1600          |                      |             |             |
| 12 | PCB-13    | 10.62           | bV               | 468           |                      |             |             |
| 13 | PCB-14    | 10.78           | Vb               | 1404          |                      |             |             |
| 14 | PCB-15    | 11.16           | bV               | 1229          |                      |             |             |
| 15 | PCB-16    | 11.48           | vv               | 539           |                      |             |             |
| 16 | PCB-17    | 12.12           | bb               | 122           |                      |             |             |
| 17 | PCB-18    | 12.39           | bb               | 905           |                      |             |             |
| 18 | PCB-19    | 13.85           | bv               | 237           |                      |             |             |
| 19 | PCB-20    | 14.65           | bb               | 324           |                      |             |             |
| 20 | PCB-21    | 16.85           | bb               | 108           |                      |             |             |
| 21 | DCBP      | 24.53           | bb               | 515           | 0.094                |             | 3.77        |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1016      | 8974                | 205.132              | 48.01787    | 4.68     | NR     |      |
| 2 | A1221      | 1196                | 103.801              | 24.29805    | 4.68     | NR     |      |
| 3 | A1221-2    | 1196                | 110.551              | 25.87803    | 4.68     | NR     |      |

**Group Results**

|    | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|----|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 4  | A1221-5     | 727                 | 124.993              | 29.25857    | 4.68     | NR     |      |
| 5  | A1232       | 7931                | 369.442              | 86.47982    | 4.68     | NR     |      |
| 6  | A1232-8/9   | 2589                | 266.345              | 62.34662    | 4.68     | NR     |      |
| 7  | A1242       | 8974                | 244.476              | 57.22750    | 4.68     | X      | AD   |
| 8  | A1248       | 6033                | 169.652              | 39.71246    | 4.68     | NR     |      |
| 9  | A1248-11/15 | 3472                | 150.205              | 35.16035    | 4.68     | NR     |      |
| 10 | A1248-14/15 | 3400                | 200.592              | 46.95511    | 4.68     | NR     |      |
| 11 | A1254       | 2127                | 39.241               | 9.18561     | 4.68     | X      | AF   |
| 12 | A1254-17/18 | 1100                | 34.782               | 8.14185     | 4.68     | NR     |      |
| 13 | A1254-19/20 | 1566                | 48.752               | 11.41194    | 4.68     | NR     |      |
| 14 | A1254-20    | 1802                | 42.498               | 9.94797     | 4.68     | NR     |      |
| 15 | A1260       | 432                 | 6.904                | 1.61610     | 4.68     | NR     |      |
| 16 | A1260-20    | 108                 | 2.693                | 0.63036     | 4.68     | NR     |      |
| 17 | A1260-23/24 | 432                 | 7.696                | 1.80139     | 4.68     | NR     |      |
| 18 | A1262       | 432                 |                      |             |          | NR     |      |

# Analytical Sequence

**8-D-1**  
**PCB ANALYTICAL SEQUENCE**

Laboratory Name: Northeast Analytical, Inc.

SDG No: 08120165

ELAP ID No: 11078

Instrument ID: GC20F

Init. Calib. Date(s): 12/01/2008, 12/02/2008

GC Column (1): J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

| SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION |                  |               |                |                      |                     |
|--|------------------|---------------|----------------|----------------------|---------------------|
|  | TCMX RT: 5.88    |               | DCBP RT: 24.55 |                      |                     |
|  | CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID    | DATE / TIME ANALYZED | TCMX RT # DCBP RT # |
| 01   | A1016 20 PPB     | 120116A       | GC20F-308-3    | 12/01/2008 12:48:11  |                     |
| 02   | A1016 100 PPB    | 120116B       | GC20F-308-4    | 12/01/2008 13:20:48  |                     |
| 03   | A1016 250 PPB    | 120116C       | GC20F-308-5    | 12/01/2008 13:53:26  |                     |
| 04   | A1016 500 PPB    | 120116D       | GC20F-308-6    | 12/01/2008 14:26:03  |                     |
| 05   | A1016 1000 PPB   | 120116E       | GC20F-308-7    | 12/01/2008 14:58:41  |                     |
| 06   | A1221 20 PPB     | 120121A       | GC20F-308-8    | 12/01/2008 15:31:18  |                     |
| 07   | A1221 100 PPB    | 120121B       | GC20F-308-9    | 12/01/2008 16:03:54  |                     |
| 08   | A1221 250 PPB    | 120121C       | GC20F-308-10   | 12/01/2008 16:36:30  |                     |
| 09   | A1221 500 PPB    | 120121D       | GC20F-308-11   | 12/01/2008 17:09:07  |                     |
| 10   | A1221 1000 PPB   | 120121E       | GC20F-308-12   | 12/01/2008 17:41:43  |                     |
| 11   | A1232 20 PPB     | 120132A       | GC20F-308-13   | 12/01/2008 18:14:19  |                     |
| 12   | A1232 100 PPB    | 120132B       | GC20F-308-14   | 12/01/2008 18:46:55  |                     |
| 13   | A1232 250 PPB    | 120132C       | GC20F-308-15   | 12/01/2008 19:19:32  |                     |
| 14   | A1232 500 PPB    | 120132D       | GC20F-308-16   | 12/01/2008 19:52:09  |                     |
| 15   | A1232 1000 PPB   | 120132E       | GC20F-308-17   | 12/01/2008 20:24:47  |                     |
| 16   | A1242 20 PPB     | 120142A       | GC20F-308-18   | 12/01/2008 20:57:24  |                     |
| 17   | A1242 100 PPB    | 120142B       | GC20F-308-19   | 12/01/2008 21:30:00  |                     |
| 18   | A1242 250 PPB    | 120142C       | GC20F-308-20   | 12/01/2008 22:02:36  |                     |
| 19   | A1242 500 PPB    | 120142D       | GC20F-308-21   | 12/01/2008 22:35:12  |                     |
| 20   | A1242 1000 PPB   | 120142E       | GC20F-308-22   | 12/01/2008 23:07:49  |                     |
| 21   | A1248 20 PPB     | 120148A       | GC20F-308-23   | 12/01/2008 23:40:25  |                     |
| 22   | A1248 100 PPB    | 120148B       | GC20F-308-24   | 12/02/2008 00:13:01  |                     |
| 23   | A1248 250 PPB    | 120148C       | GC20F-308-25   | 12/02/2008 00:45:38  |                     |
| 24   | A1248 500 PPB    | 120148D       | GC20F-308-26   | 12/02/2008 01:18:15  |                     |
| 25   | A1248 1000 PPB   | 120148E       | GC20F-308-27   | 12/02/2008 01:50:52  |                     |
| 26   | A1254 20 PPB     | 120154A       | GC20F-308-28   | 12/02/2008 02:23:28  | 5.88 24.54          |
| 27   | A1254 100 PPB    | 120154B       | GC20F-308-29   | 12/02/2008 02:56:05  | 5.88 24.55          |
| 28   | A1254 250 PPB    | 120154C       | GC20F-308-30   | 12/02/2008 03:28:40  | 5.88 24.55          |
| 29   | A1254 500 PPB    | 120154D       | GC20F-308-31   | 12/02/2008 04:01:17  | 5.88 24.54          |
| 30   | A1254 1000 PPB   | 120154E       | GC20F-308-32   | 12/02/2008 04:33:53  | 5.88 24.55          |
| 31   | A1260 20 PPB     | 120160A       | GC20F-308-33   | 12/02/2008 05:06:29  |                     |
| 32   | A1260 100 PPB    | 120160B       | GC20F-308-34   | 12/02/2008 05:39:05  |                     |
| 33   | A1260 250 PPB    | 120160C       | GC20F-308-35   | 12/02/2008 06:11:41  |                     |
| 34   | A1260 500 PPB    | 120160D       | GC20F-308-36   | 12/02/2008 06:44:18  |                     |
| 35   | A1260 1000 PPB   | 120160E       | GC20F-308-37   | 12/02/2008 07:16:54  |                     |
| 36   | A1016 500 PPB    | CS161201A     | GC20F-308-39   | 12/02/2008 08:22:06  | 5.88 24.53          |
| 37   | A1221 500 PPB    | CS211201A     | GC20F-308-40   | 12/02/2008 08:54:42  | 5.88 24.54          |
| 38   | A1232 500 PPB    | CS321201A     | GC20F-308-41   | 12/02/2008 09:27:18  | 5.88 24.54          |

FORM VIII-CLP-PCB(NEA)

Print Date: 01/08/2009  
 Nea Lims Version : 4.4.2.2

**8-D-1**  
**PCB ANALYTICAL SEQUENCE**

Laboratory Name: Northeast Analytical, Inc.

SDG No: 08120165

ELAP ID No: 11078

Instrument ID: GC20F

Init. Calib. Date(s): 12/01/2008, 12/02/2008

GC Column (1): J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

| SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION |                     |                  |                |                         |              |              |
|--|---------------------|------------------|----------------|-------------------------|--------------|--------------|
|  | CLIENT<br>SAMPLE ID | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE / TIME<br>ANALYZED | TCMX<br>RT # | DCBP<br>RT # |
| 39   | A1242 500 PPB       | CS421201A        | GC20F-308-42   | 12/02/2008 09:59:53     | 5.88         | 24.54        |
| 40   | A1248 500 PPB       | CS481201A        | GC20F-308-43   | 12/02/2008 10:32:29     | 5.88         | 24.54        |
| 41   | A1254 500 PPB       | CS541201A        | GC20F-308-44   | 12/02/2008 11:05:06     | 5.88         | 24.53        |
| 42   | A1260 500 PPB       | CS601201A        | GC20F-308-45   | 12/02/2008 11:37:42     | 5.88         | 24.54        |
| 43   | A1232 500 PPB       | CS321226B        | GC20F-326-36   | 12/27/2008 05:38:00     | 5.88         | 24.55        |
| 44   | METHOD BLANK        | AL20818B         | GC20F-326-37   | 12/27/2008 06:10:36     | 5.88         | 24.54        |
| 45   | LAB CONTROL SPIKE   | AL20818L         | GC20F-326-38   | 12/27/2008 06:43:12     | 5.88         | 24.54        |
| 46   | P2SD-26A-01         | AL20816          | GC20F-326-39   | 12/27/2008 07:15:48     | 5.88         | 24.54        |
| 47   | P2SD-26B-01         | AL20817          | GC20F-326-40   | 12/27/2008 07:48:24     | 5.88         | 24.54        |
| 48   | P2SD-26C-01         | AL20818          | GC20F-326-41   | 12/27/2008 08:21:00     | 5.88         | 24.54        |
| 49   | P2SD-26C-01 MS      | AL20818M         | GC20F-326-42   | 12/27/2008 08:53:35     | 5.89(D)      | 24.54(D)     |
| 50   | P2SD-26C-01 MSD     | AL20818K         | GC20F-326-43   | 12/27/2008 09:26:11     | 5.88(D)      | 24.55(D)     |
| 51   | P2SD-26B-03         | AL20819          | GC20F-326-44   | 12/27/2008 09:58:48     | 5.88         | 24.54        |
| 52   | P2SD-27A-01         | AL20820          | GC20F-326-45   | 12/27/2008 10:31:24     | 5.88         | 24.54        |
| 53   | A1242 500 PPB       | CS421226B        | GC20F-326-46   | 12/27/2008 11:04:00     | 5.88         | 24.54        |
| 54   | P2SL-28A-01         | AL20821          | GC20F-326-47   | 12/27/2008 11:36:36     | 5.89         | 24.55        |
| 55   | P2SL-28B-01         | AL20822          | GC20F-326-48   | 12/27/2008 12:09:12     | 5.88         | 24.54        |
| 56   | P2SD-29A-01         | AL20823          | GC20F-326-49   | 12/27/2008 12:41:48     | 5.88         | 24.55        |
| 57   | P2SD-29B-01         | AL20824          | GC20F-326-50   | 12/27/2008 13:14:24     | 5.88         | 24.55        |
| 58   | P2SD-30A-01         | AL20825          | GC20F-326-51   | 12/27/2008 13:47:00     | 5.88(D)      | 24.54(D)     |
| 59   | P2SD-30B-01         | AL20826          | GC20F-326-52   | 12/27/2008 14:19:37     | 5.88(D)      | 24.54(D)     |
| 60   | P2SL-31A-01         | AL20827          | GC20F-326-53   | 12/27/2008 14:52:13     | 5.88(D)      | 24.55(D)     |
| 61   | P2SD-32A-01         | AL20828          | GC20F-326-54   | 12/27/2008 15:24:49     | 5.88         | 24.55        |
| 62   | P2SD-33A-01         | AL20829          | GC20F-326-55   | 12/27/2008 15:57:25     | 5.88         | 24.55        |
| 63   | A1248 500 PPB       | CS481226B        | GC20F-326-56   | 12/27/2008 16:30:01     | 5.88         | 24.54        |
| 64   | P2SD-33B-01         | AL20830          | GC20F-326-57   | 12/27/2008 17:02:36     | 5.88         | 24.55        |
| 65   | P2SD-34A-01         | AL20831          | GC20F-326-58   | 12/27/2008 17:35:12     | 5.88         | 24.55        |
| 66   | P2SD-35A-01         | AL20833          | GC20F-326-59   | 12/27/2008 18:07:49     | 5.88         | 24.55        |
| 67   | P2SL-36A-01         | AL20834          | GC20F-326-60   | 12/27/2008 18:40:25     | 5.89(D)      | 24.54(D)     |
| 68   | P2SL-36B-01         | AL20835          | GC20F-326-61   | 12/27/2008 19:13:00     | 5.88(D)      | 24.53(D)     |
| 69   | A1254 500 PPB       | CS541226B        | GC20F-326-62   | 12/27/2008 19:45:37     | 5.89         | 24.55        |
| 70   | A1260 500 PPB       | CS601229A        | GC20F-327-10   | 12/29/2008 10:48:53     | 5.88         | 24.55        |
| 71   | METHOD BLANK        | AL20797B         | GC20F-327-12   | 12/29/2008 12:53:50     | 5.89         | 24.55        |
| 72   | LAB CONTROL SPIKE   | AL20797L         | GC20F-327-13   | 12/29/2008 13:26:27     | 5.88         | 24.56        |
| 73   | ZZZZZ               | ZZZZZ            | GC20F-327-14   | 12/29/2008 13:59:03     | 5.88(D)      | 24.56(D)     |
| 74   | P2SD-34B-01         | AL20832RE1       | GC20F-327-15   | 12/29/2008 14:31:39     | 5.88         | 24.55        |
| 75   | A1016 500 PPB       | CS161229B        | GC20F-327-16   | 12/29/2008 15:04:16     | 5.88         | 24.55        |

# Initial Calibration Data

6F-1  
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: Northeast Analytical, Inc.  
 ELAP ID No: 11078  
 Instrument ID: GC20F  
 GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

SDG NO: 08120165  
 Date(s) Analyzed: 12/01/2008,12/02/2008

| COMPOUND     | LAB FILE ID  | NEA SAMPLE ID | AMOUNT (ppb) | TOTAL <sup>1</sup> RF | MEAN RF | % RSD |
|--------------|--------------|---------------|--------------|-----------------------|---------|-------|
| Aroclor 1016 | GC20F-308-3  | 120116A       | 20.0         | 45.771                |         |       |
|              | GC20F-308-4  | 120116B       | 100          | 46.550                |         |       |
|              | GC20F-308-5  | 120116C       | 250          | 45.849                |         |       |
|              | GC20F-308-6  | 120116D       | 500          | 44.233                |         |       |
|              | GC20F-308-7  | 120116E       | 1000         | 42.105                | 44.902  | 4.0   |
| Aroclor 1221 | GC20F-308-8  | 120121A       | 20.0         | 12.445                |         |       |
|              | GC20F-308-9  | 120121B       | 100          | 11.152                |         |       |
|              | GC20F-308-10 | 120121C       | 250          | 11.061                |         |       |
|              | GC20F-308-11 | 120121D       | 500          | 11.810                |         |       |
|              | GC20F-308-12 | 120121E       | 1000         | 11.364                | 11.567  | 4.9   |
| Aroclor 1232 | GC20F-308-13 | 120132A       | 20.0         | 22.706                |         |       |
|              | GC20F-308-14 | 120132B       | 100          | 21.339                |         |       |
|              | GC20F-308-15 | 120132C       | 250          | 20.910                |         |       |
|              | GC20F-308-16 | 120132D       | 500          | 21.729                |         |       |
|              | GC20F-308-17 | 120132E       | 1000         | 21.461                | 21.629  | 3.1   |
| Aroclor 1242 | GC20F-308-18 | 120142A       | 20.0         | 36.277                |         |       |
|              | GC20F-308-19 | 120142B       | 100          | 37.395                |         |       |
|              | GC20F-308-20 | 120142C       | 250          | 38.222                |         |       |
|              | GC20F-308-21 | 120142D       | 500          | 37.085                |         |       |
|              | GC20F-308-22 | 120142E       | 1000         | 36.000                | 36.996  | 2.4   |
| Aroclor 1248 | GC20F-308-23 | 120148A       | 20.0         | 34.092                |         |       |
|              | GC20F-308-24 | 120148B       | 100          | 35.694                |         |       |
|              | GC20F-308-25 | 120148C       | 250          | 36.270                |         |       |
|              | GC20F-308-26 | 120148D       | 500          | 36.714                |         |       |
|              | GC20F-308-27 | 120148E       | 1000         | 34.852                | 35.524  | 3.0   |
| Aroclor 1254 | GC20F-308-28 | 120154A       | 20.0         | 53.444                |         |       |
|              | GC20F-308-29 | 120154B       | 100          | 53.085                |         |       |
|              | GC20F-308-30 | 120154C       | 250          | 55.044                |         |       |
|              | GC20F-308-31 | 120154D       | 500          | 53.189                |         |       |
|              | GC20F-308-32 | 120154E       | 1000         | 50.766                | 53.106  | 2.9   |
| Aroclor 1260 | GC20F-308-33 | 120160A       | 20.0         | 54.650                |         |       |
|              | GC20F-308-34 | 120160B       | 100          | 59.133                |         |       |
|              | GC20F-308-35 | 120160C       | 250          | 56.492                |         |       |
|              | GC20F-308-36 | 120160D       | 500          | 56.408                |         |       |
|              | GC20F-308-37 | 120160E       | 1000         | 55.100                | 56.357  | 3.1   |
| TCMX         | GC20F-308-28 | 120154A       | 2.00         | 248.179               |         |       |
|              | GC20F-308-29 | 120154B       | 5.00         | 246.504               |         |       |
|              | GC20F-308-30 | 120154C       | 8.00         | 234.876               |         |       |
|              | GC20F-308-31 | 120154D       | 10.0         | 229.117               |         |       |
|              | GC20F-308-32 | 120154E       | 20.0         | 223.092               | 236.354 | 4.6   |

6F-1  
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: Northeast Analytical, Inc.  
 ELAP ID No: 11078  
 Instrument ID: GC20F  
 GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

SDG NO: 08120165  
 Date(s) Analyzed: 12/01/2008, 12/02/2008

| COMPOUND | LAB FILE ID  | NEA SAMPLE ID | AMOUNT (ppb) | TOTAL <sup>1</sup> RF | MEAN RF | % RSD |
|----------|--------------|---------------|--------------|-----------------------|---------|-------|
| DCBP     | GC20F-308-28 | 120154A       | 20.0         | 219.056               |         |       |
|          | GC20F-308-29 | 120154B       | 50.0         | 225.367               |         |       |
|          | GC20F-308-30 | 120154C       | 80.0         | 210.718               |         |       |
|          | GC20F-308-31 | 120154D       | 100          | 209.012               |         |       |
|          | GC20F-308-32 | 120154E       | 200          | 204.493               | 213.729 | 3.9   |

% RSD Limit <= 20%

TCMX=TETRACHLOROMETAXYLENE

DCBP=DECACHLOROBIPHENYL

<sup>1</sup> Response factor calculated using total area of 5 peaks used to quantitate each Aroclor. Mean response factor not used in Aroclor quantitation, calibration curve by linear regression used for quantitation. Concentrations are nominal values, please see Calibration Curve Report Point Table for actual values.



Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308  
Phone: (518) 346-4592 Fax: (518) 381-6055  
[www.nealab.com](http://www.nealab.com)

System Name: Instrument\_20\_Ch01 Date Calibrated: 12/02/2008 11:53:00 EST  
Sample Set Name: GC20F\_8082CC\_120108 Method Report: CCSum by RF 02  
Sample Set Date: 12/01/2008 11:34:19 EST User Name: Kari Lantiegne (KariL)  
Processing Method: GC20F\_8082CC\_120108

Calibration Component

Summary Table

Component Summary For RF

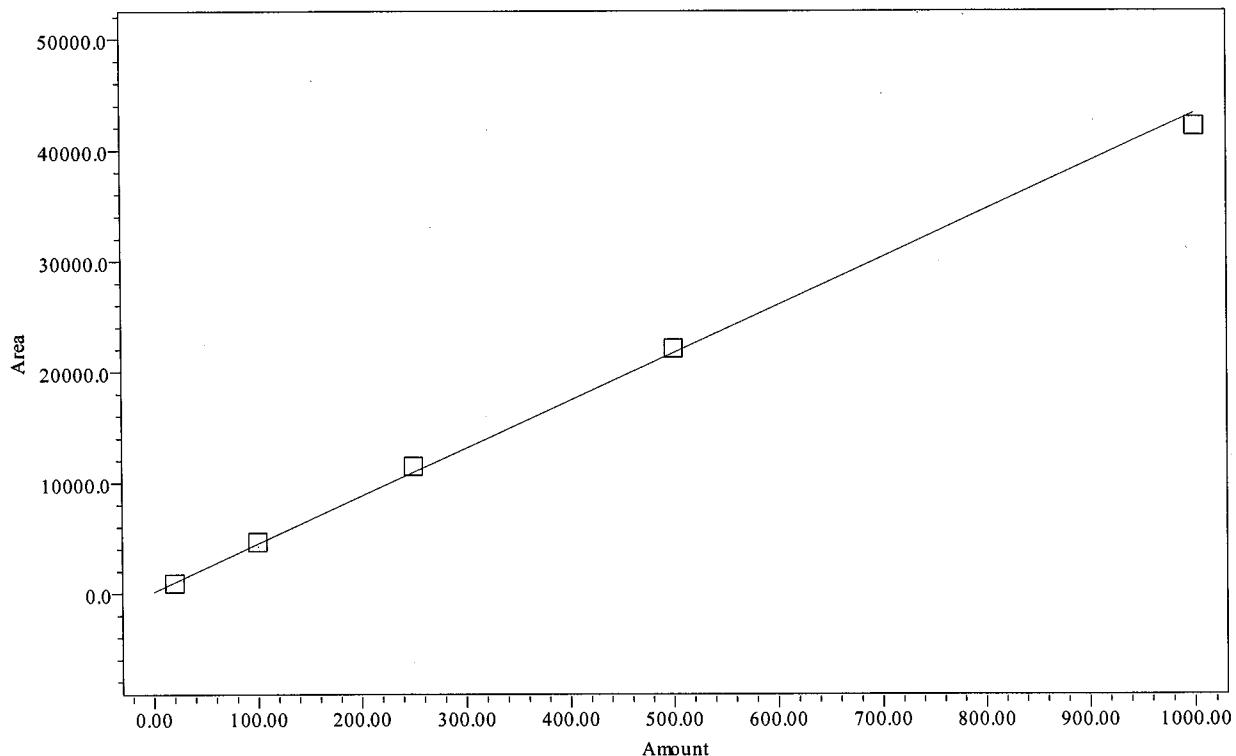
|           | Sample Name | A1016   |
|-----------|-------------|---------|
| 1         | 120116A     | 45.7711 |
| 2         | 120116B     | 46.5501 |
| 3         | 120116C     | 45.8486 |
| 4         | 120116D     | 44.2334 |
| 5         | 120116E     | 42.1048 |
| Mean      |             | 44.902  |
| Std. Dev. |             | 1.778   |
| % RSD     |             | 3.96    |



Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308  
Phone: (518) 346-4592 Fax: (518) 381-6055  
[www.nealab.com](http://www.nealab.com)

Name: A1016  
System Name: Instrument\_20\_Ch01  
Date Calibrated: 12/02/2008 11:53:00 EST  
Processing Method: GC20F\_8082CC\_120108  
Fit Type: Linear (1st Order)  
Method Report: CCurve\_Rpt  
Coefficient constant A: 135.202969  
Coefficient first Order B: 43.089900  
Coefficient first Order C: 0.000000  
Coefficient first Order D: 0.000000  
Correlation coefficient R: 0.999345  
Coefficient of determination R^2: 0.998691

Calibration Curve



Point Table  
Peak: A1016

|   | Name  | Amount PPB | Response | Calc. Value | % Deviation | Manual | Ignore |
|---|-------|------------|----------|-------------|-------------|--------|--------|
| 1 | A1016 | 20.00      | 915      | 18.1        | -9.466      | No     | No     |
| 2 | A1016 | 100.00     | 4655     | 104.9       | 4.893       | No     | No     |
| 3 | A1016 | 250.00     | 11462    | 262.9       | 5.147       | No     | No     |
| 4 | A1016 | 500.00     | 22117    | 510.1       | 2.026       | No     | No     |
| 5 | A1016 | 1000.00    | 42105    | 974.0       | -2.600      | No     | No     |



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[www.nealab.com](http://www.nealab.com)

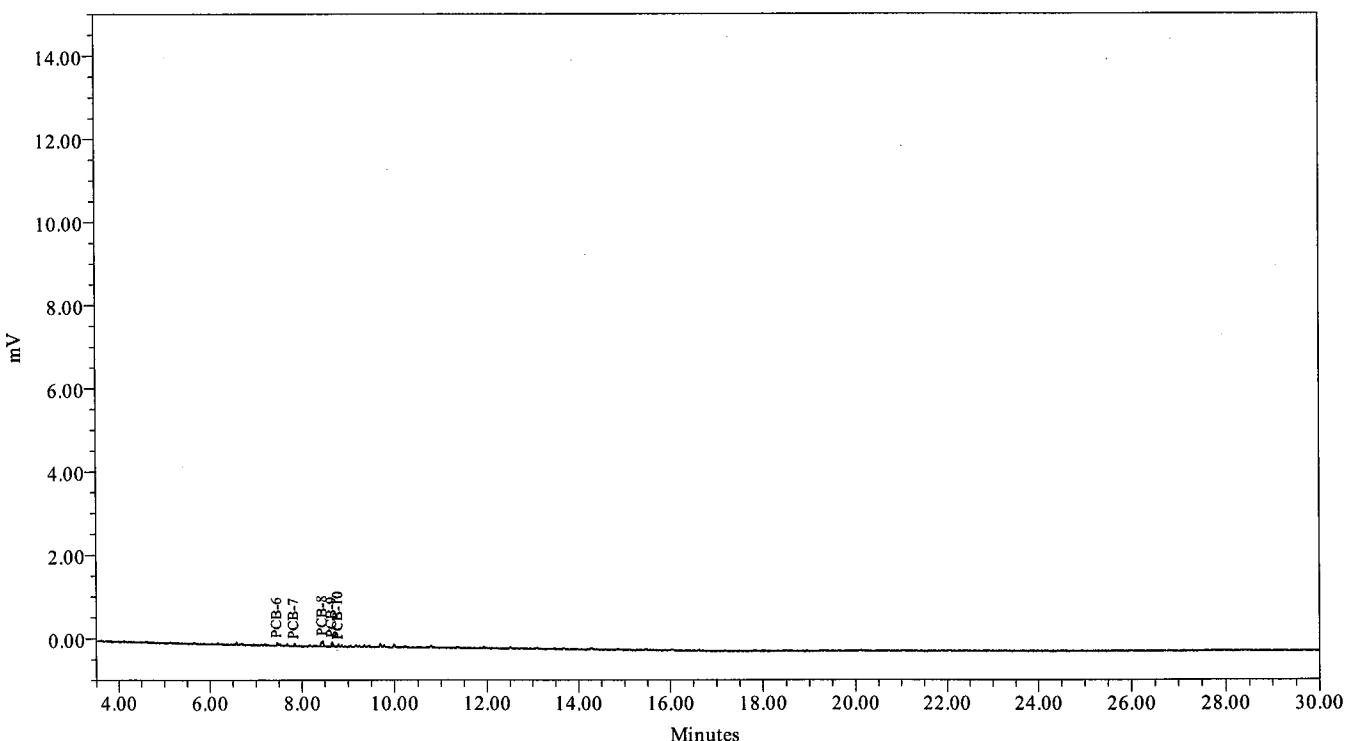
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120116A                 | Sample Amount:  | 1                       |
| Sample ID:         | A1016 20 PPB            | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 12:48:11 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 09:52:49 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:37:10 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-3             |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-6     | 7.469          | bb               | 104           |
| 2 | PCB-7     | 7.838          | bb               | 110           |
| 3 | PCB-8     | 8.458          | bb               | 390           |
| 4 | PCB-9     | 8.662          | bb               | 214           |
| 5 | PCB-10    | 8.800          | bb               | 97            |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|------------|---------------------|----------------------|
| 1 | A1016      | 915                 | 20.000               |
| 2 | A1232      | 812                 |                      |
| 3 | A1232-8/9  | 207                 |                      |
| 4 | A1242      | 915                 |                      |





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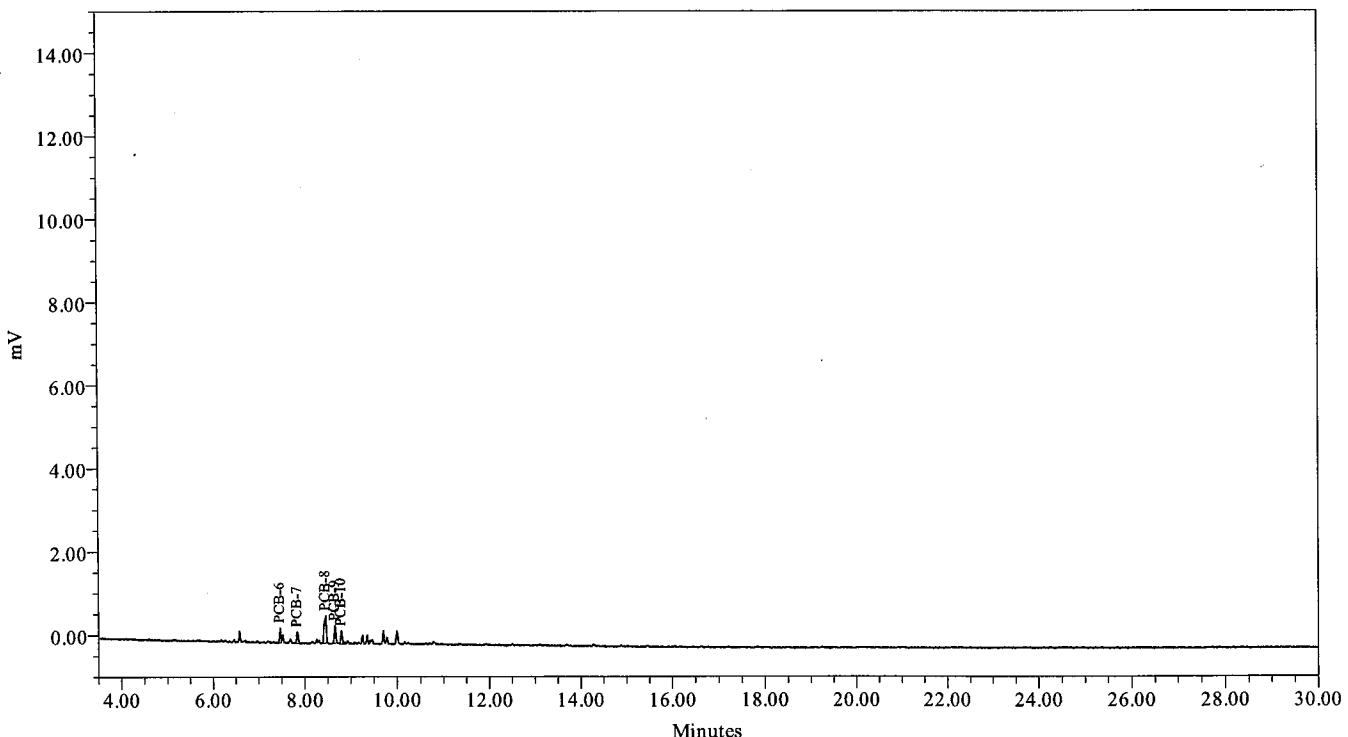
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120116B                 | Sample Amount:  | 1                       |
| Sample ID:         | A1016 100 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 13:20:48 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 09:50:35 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:37:26 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-4             |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-6     | 7.473          | bV               | 603           |
| 2 | PCB-7     | 7.847          | bb               | 615           |
| 3 | PCB-8     | 8.460          | bb               | 2014          |
| 4 | PCB-9     | 8.665          | bb               | 848           |
| 5 | PCB-10    | 8.802          | bb               | 576           |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|------------|---------------------|----------------------|
| 1 | A1016      | 4655                | 100.000              |
| 2 | A1232      | 4052                |                      |
| 3 | A1232-8/9  | 1190                |                      |
| 4 | A1242      | 4655                |                      |





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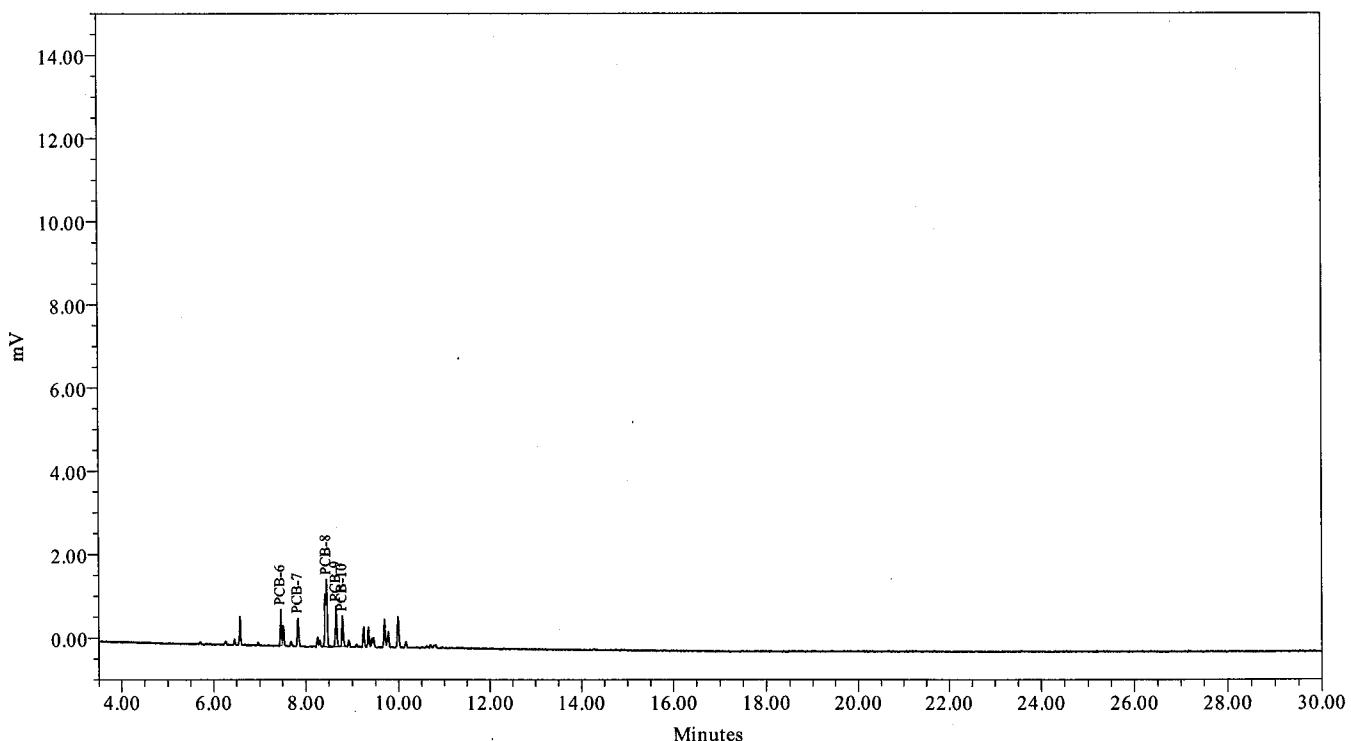
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120116C                 | Sample Amount:  | 1                       |
| Sample ID:         | A1016 250 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 13:53:26 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 09:50:49 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:37:30 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-5             |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-6     | 7.469          | bV               | 1454          |
| 2 | PCB-7     | 7.841          | bb               | 1480          |
| 3 | PCB-8     | 8.456          | bB               | 5107          |
| 4 | PCB-9     | 8.660          | BB               | 2060          |
| 5 | PCB-10    | 8.797          | Bb               | 1361          |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|------------|---------------------|----------------------|
| 1 | A1016      | 11462               | 250.000              |
| 2 | A1232      | 10008               |                      |
| 3 | A1232-8/9  | 2840                |                      |
| 4 | A1242      | 11462               |                      |





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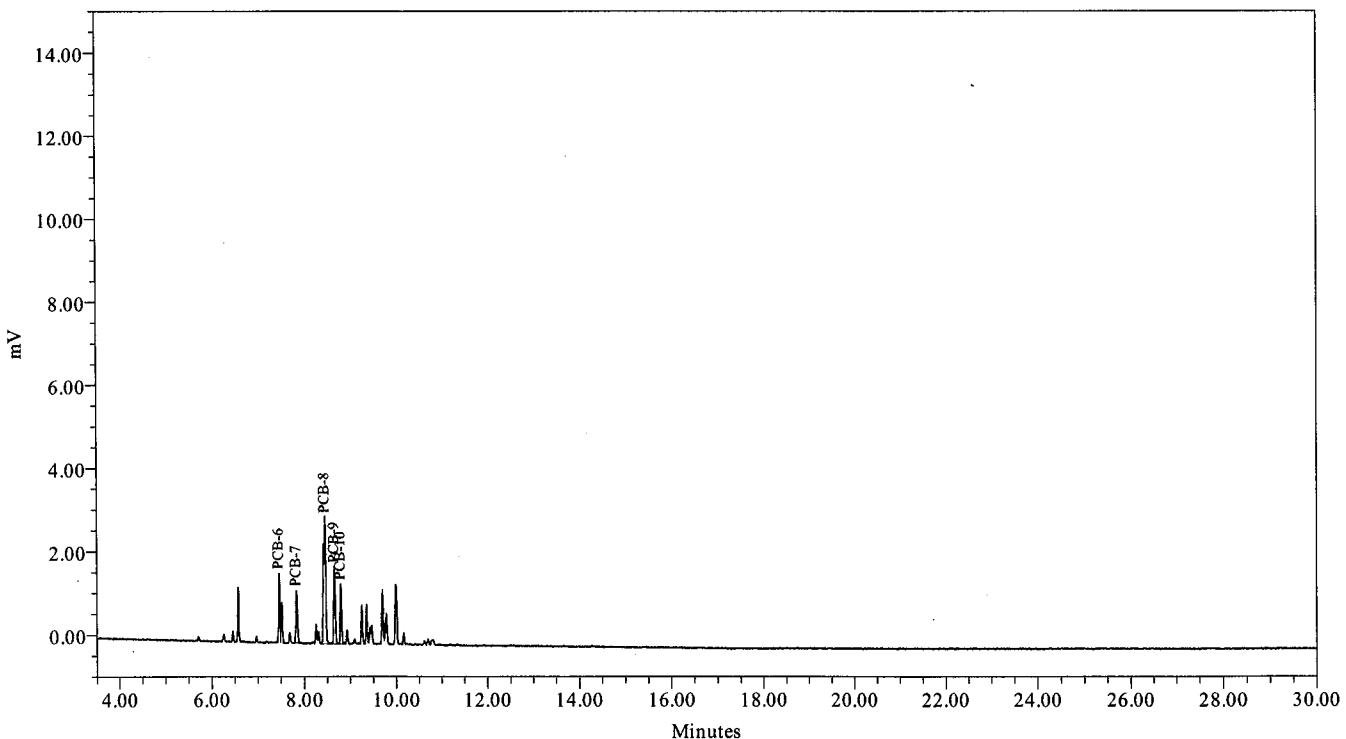
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120116D                 | Sample Amount:  | 1                       |
| Sample ID:         | A1016 500 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 14:26:03 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 09:51:37 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:37:46 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-6             |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-6     | 7.471          | bV               | 2845          |
| 2 | PCB-7     | 7.843          | bb               | 2844          |
| 3 | PCB-8     | 8.457          | bV               | 9769          |
| 4 | PCB-9     | 8.662          | VV               | 3939          |
| 5 | PCB-10    | 8.800          | VB               | 2720          |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|------------|---------------------|----------------------|
| 1 | A1016      | 22117               | 500.000              |
| 2 | A1232      | 19271               |                      |
| 3 | A1232-8/9  | 5563                |                      |
| 4 | A1242      | 22117               |                      |





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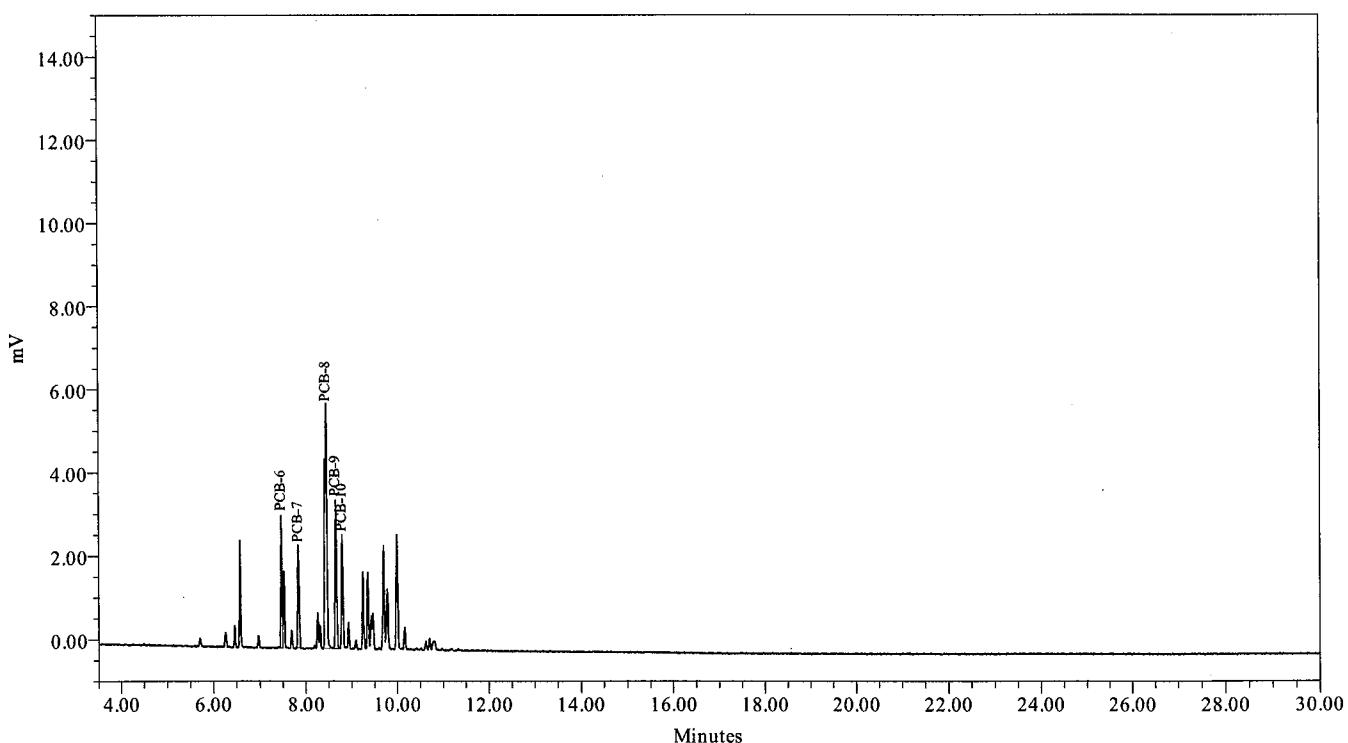
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120116E                 | Sample Amount:  | 1                       |
| Sample ID:         | A1016 1000 PPB          | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 14:58:41 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 09:51:53 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:37:57 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-7             |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-6     | 7.472          | bV               | 5466          |
| 2 | PCB-7     | 7.845          | bb               | 5580          |
| 3 | PCB-8     | 8.459          | bB               | 18558         |
| 4 | PCB-9     | 8.664          | BB               | 7448          |
| 5 | PCB-10    | 8.801          | Bb               | 5053          |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|------------|---------------------|----------------------|
| 1 | A1016      | 42105               | 1000.000             |
| 2 | A1232      | 36639               |                      |
| 3 | A1232-8/9  | 10633               |                      |
| 4 | A1242      | 42105               |                      |





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|                    |                         |                  |                         |
|--------------------|-------------------------|------------------|-------------------------|
| System Name:       | Instrument_20_Ch01      | Date Calibrated: | 12/02/2008 11:53:00 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | Method Report:   | CCSum by RF 02          |
| Sample Set Date:   | 12/01/2008 11:34:19 EST | User Name:       | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     |                  |                         |

---

**Calibration Component Summary Table**  
**Component Summary For RF**

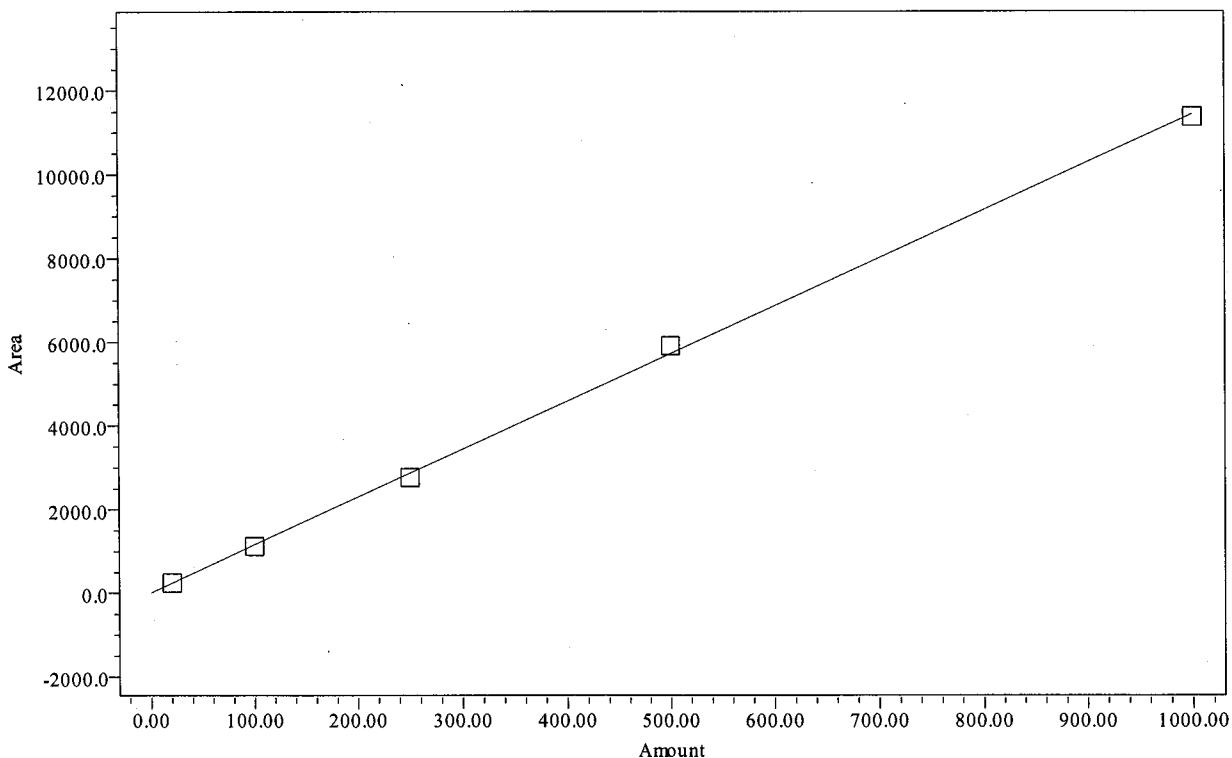
|           | Sample Name | A1221-2 | A1221   | A1221-5 |
|-----------|-------------|---------|---------|---------|
| 1         | 120121A     | 11.5018 | 12.4451 | 6.1039  |
| 2         | 120121B     | 10.3211 | 11.1517 | 5.5611  |
| 3         | 120121C     | 10.5972 | 11.0608 | 5.4716  |
| 4         | 120121D     | 11.1174 | 11.8102 | 6.1101  |
| 5         | 120121E     | 10.6911 | 11.3645 | 5.7993  |
| Mean      |             | 10.846  | 11.566  | 5.809   |
| Std. Dev. |             | 0.465   | 0.570   | 0.297   |
| % RSD     |             | 4.29    | 4.93    | 5.11    |



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Name: A1221 Coefficient constant A: 11.486807  
System Name: Instrument\_20\_Ch01 Coefficient first Order B: 11.412531  
Date Calibrated: 12/02/2008 11:53:00 EST Coefficient first Order C: 0.000000  
Processing Method: GC20F\_8082CC\_120108 Coefficient first Order D: 0.000000  
Fit Type: Linear (1st Order) Correlation coefficient R: 0.999663  
Method Report: CCurve\_Rpt Coefficient of determination R^2: 0.999326

Calibration Curve



Point Table  
Peak: A1221

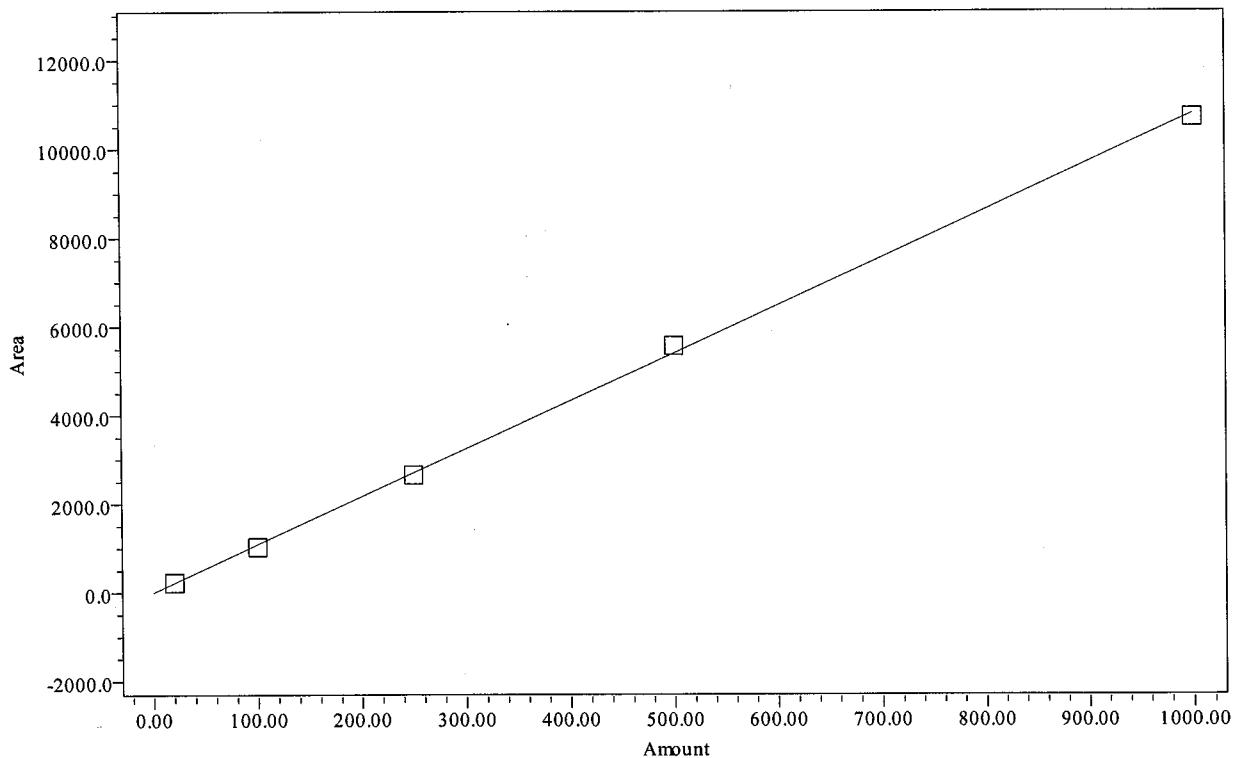
|   | Name  | Amount PPB | Response | Calc. Value | % Deviation | Manual | Ignore |
|---|-------|------------|----------|-------------|-------------|--------|--------|
| 1 | A1221 | 20.00      | 249      | 20.8        | 4.015       | No     | No     |
| 2 | A1221 | 100.00     | 1115     | 96.7        | -3.292      | No     | No     |
| 3 | A1221 | 250.00     | 2765     | 241.3       | -3.484      | No     | No     |
| 4 | A1221 | 500.00     | 5905     | 516.4       | 3.283       | No     | No     |
| 5 | A1221 | 1000.00    | 11365    | 994.8       | -0.521      | No     | No     |



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Name: A1221-2  
System Name: Instrument\_20\_Ch01  
Date Calibrated: 12/02/2008 11:53:00 EST  
Processing Method: GC20F\_8082CC\_120108  
Fit Type: Linear (1st Order)  
Method Report: CCurve\_Rpt  
Coefficient constant A: 5.994719  
Coefficient first Order B: 10.765417  
Coefficient first Order C: 0.000000  
Coefficient first Order D: 0.000000  
Correlation coefficient R: 0.999704  
Coefficient of determination R^2: 0.999408

Calibration Curve



Point Table  
Peak: A1221-2

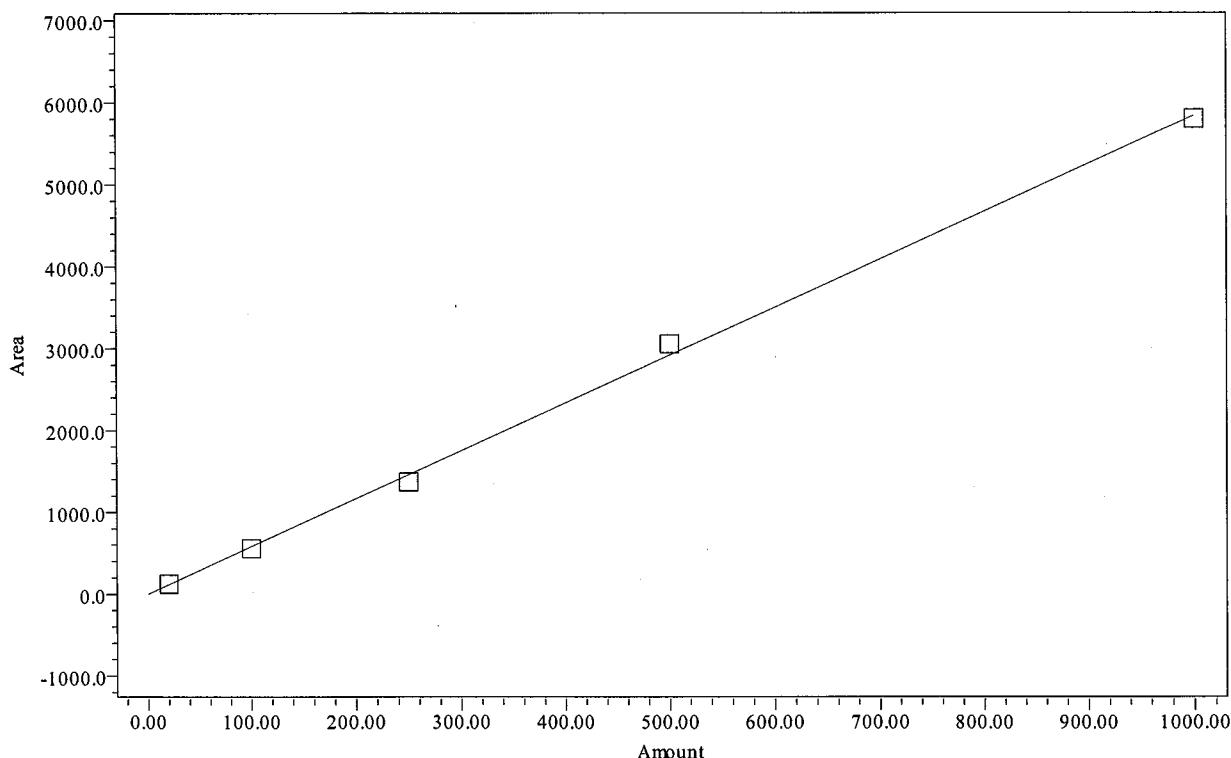
|   | Name    | Amount PPB | Response | Calc. Value | % Deviation | Manual | Ignore |
|---|---------|------------|----------|-------------|-------------|--------|--------|
| 1 | A1221-2 | 20.00      | 230      | 20.8        | 4.056       | No     | No     |
| 2 | A1221-2 | 100.00     | 1032     | 95.3        | -4.684      | No     | No     |
| 3 | A1221-2 | 250.00     | 2649     | 245.5       | -1.785      | No     | No     |
| 4 | A1221-2 | 500.00     | 5559     | 515.8       | 3.159       | No     | No     |
| 5 | A1221-2 | 1000.00    | 10691    | 992.5       | -0.746      | No     | No     |



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Name: A1221-5  
System Name: Instrument\_20\_Ch01  
Date Calibrated: 12/02/2008 11:53:00 EST  
Processing Method: GC20F\_8082CC\_120108  
Fit Type: Linear (1st Order)  
Method Report: CCurve\_Rpt  
Coefficient constant A: -1.858295  
Coefficient first Order B: 5.834101  
Coefficient first Order C: 0.000000  
Coefficient first Order D: 0.000000  
Correlation coefficient R: 0.999208  
Coefficient of determination R^2: 0.998416

Calibration Curve



Point Table  
Peak: A1221-5

|   | Name    | Amount PPB | Response | Calc. Value | % Deviation | Manual | Ignore |
|---|---------|------------|----------|-------------|-------------|--------|--------|
| 1 | A1221-5 | 20.00      | 122      | 21.2        | 6.217       | No     | No     |
| 2 | A1221-5 | 100.00     | 556      | 95.6        | -4.361      | No     | No     |
| 3 | A1221-5 | 250.00     | 1368     | 234.8       | -6.086      | No     | No     |
| 4 | A1221-5 | 500.00     | 3055     | 524.0       | 4.795       | No     | No     |
| 5 | A1221-5 | 1000.00    | 5799     | 994.4       | -0.564      | No     | No     |



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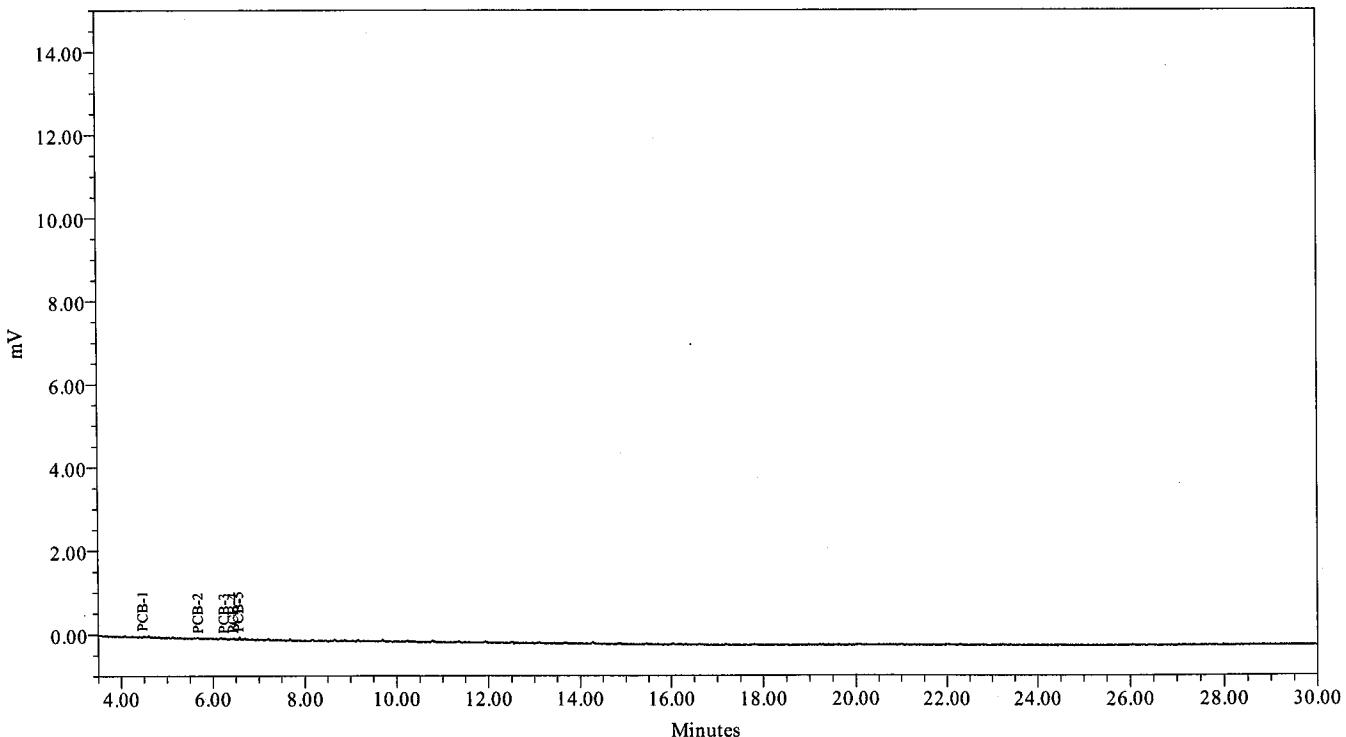
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120121A                 | Sample Amount:  | 1                       |
| Sample ID:         | A1221 20 PPB            | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 15:31:18 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:42:46 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:38:09 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-8             |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-1     | 4.498          | vb               | 48            |
| 2 | PCB-2     | 5.702          | bb               | 19            |
| 3 | PCB-3     | 6.267          | vb               | 24            |
| 4 | PCB-4     | 6.466          | vb               | 31            |
| 5 | PCB-5     | 6.582          | bb               | 127           |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|------------|---------------------|----------------------|
| 1 | A1221      | 249                 | 20.000               |
| 2 | A1221-2    | 230                 | 20.000               |
| 3 | A1221-5    | 122                 | 20.000               |
| 4 | A1232      | 127                 |                      |
| 5 | A1232-8/9  | 127                 |                      |





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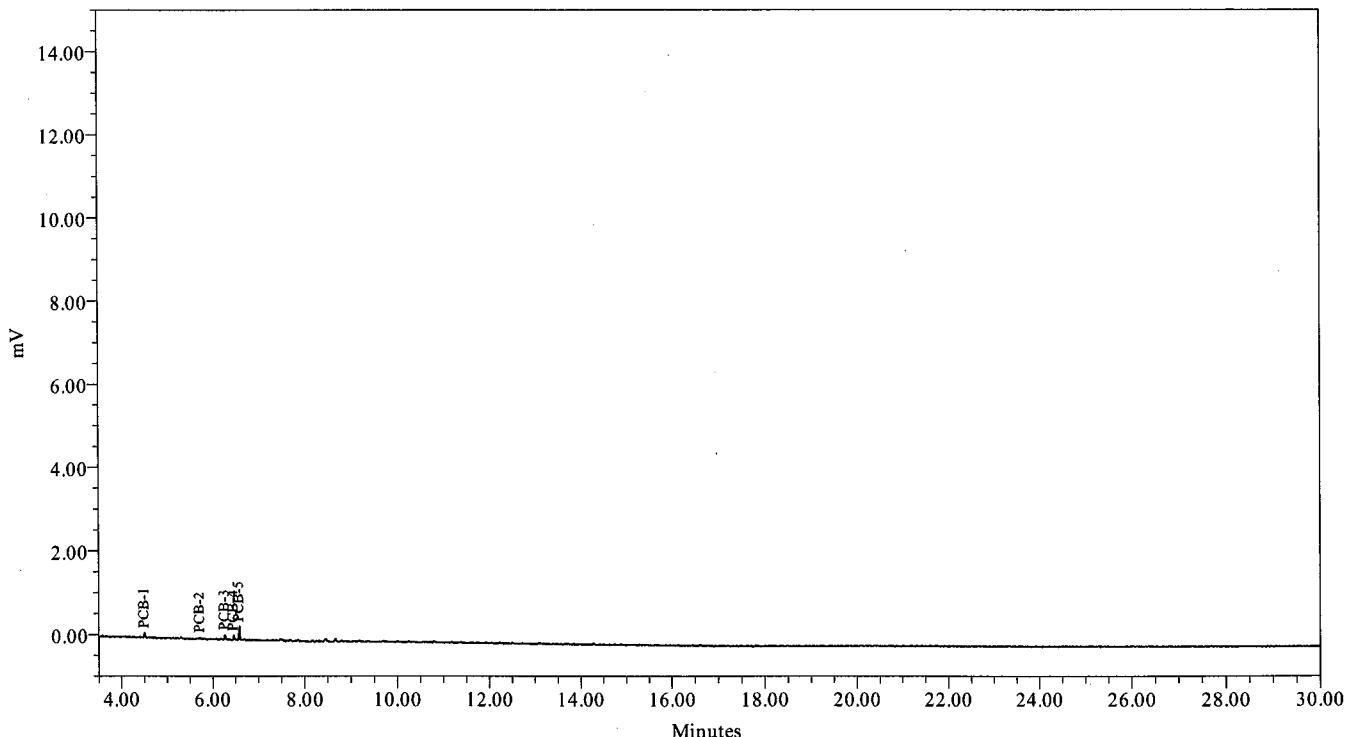
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120121B                 | Sample Amount:  | 1                       |
| Sample ID:         | A1221 100 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 16:03:54 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:43:01 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:38:18 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-9             |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-1     | 4.507          | bb               | 151           |
| 2 | PCB-2     | 5.730          | bb               | 83            |
| 3 | PCB-3     | 6.273          | bb               | 175           |
| 4 | PCB-4     | 6.468          | bb               | 147           |
| 5 | PCB-5     | 6.588          | bb               | 559           |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|------------|---------------------|----------------------|
| 1 | A1221      | 1115                | 100.000              |
| 2 | A1221-2    | 1032                | 100.000              |
| 3 | A1221-5    | 556                 | 100.000              |
| 4 | A1232      | 559                 |                      |
| 5 | A1232-8/9  | 559                 |                      |





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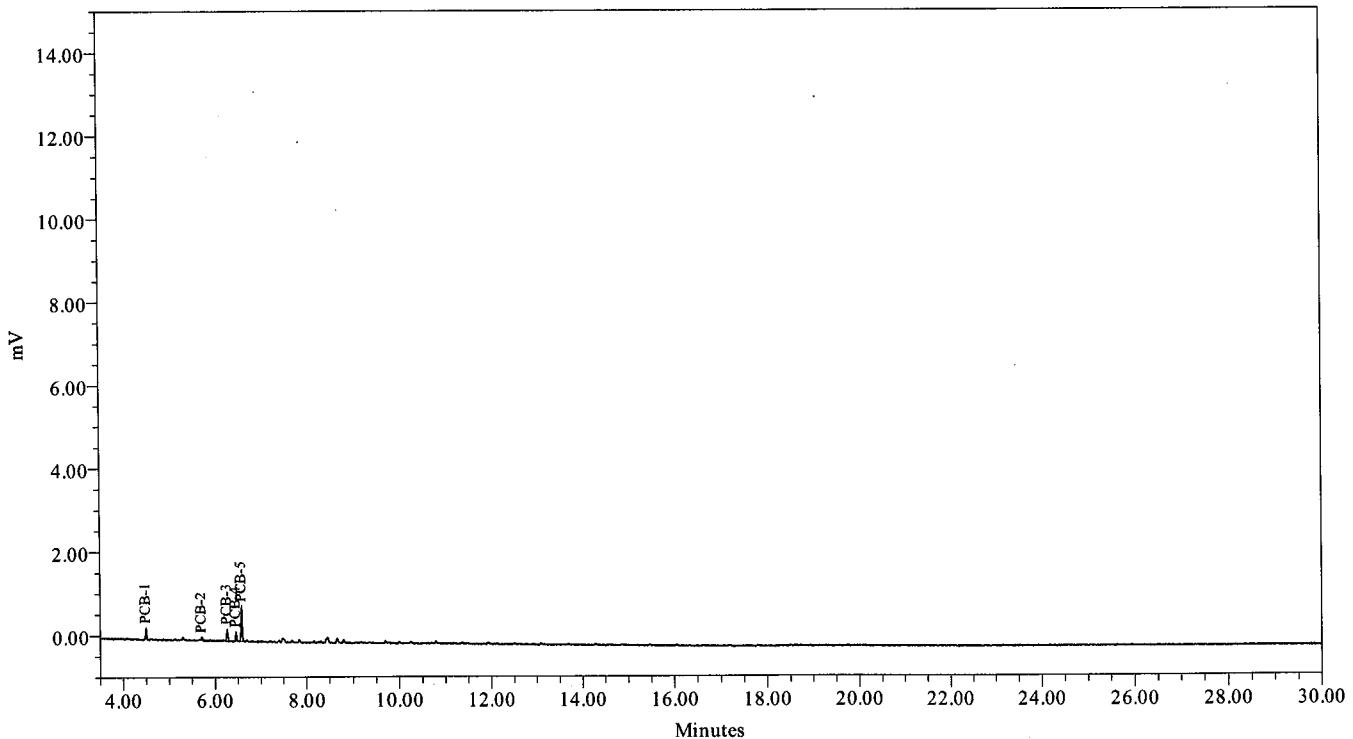
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120121C                 | Sample Amount:  | 1                       |
| Sample ID:         | A1221 250 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 16:36:30 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:41:18 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:38:35 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-10            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-1     | 4.506          | bb               | 341           |
| 2 | PCB-2     | 5.715          | bb               | 116           |
| 3 | PCB-3     | 6.271          | bb               | 571           |
| 4 | PCB-4     | 6.466          | bb               | 340           |
| 5 | PCB-5     | 6.586          | bb               | 1397          |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|------------|---------------------|----------------------|
| 1 | A1221      | 2765                | 250.000              |
| 2 | A1221-2    | 2649                | 250.000              |
| 3 | A1221-5    | 1368                | 250.000              |
| 4 | A1232      | 1397                |                      |
| 5 | A1232-8/9  | 1397                |                      |





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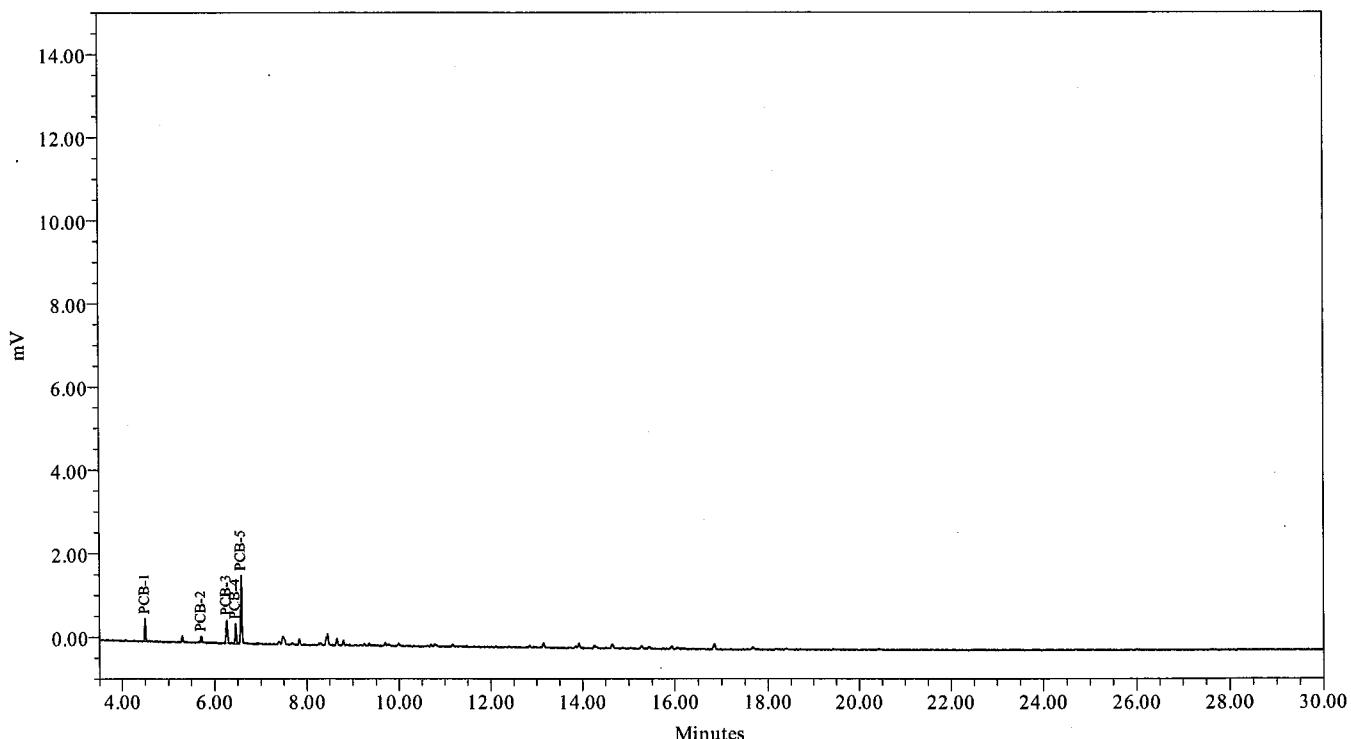
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120121D                 | Sample Amount:  | 1                       |
| Sample ID:         | A1221 500 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 17:09:07 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:41:33 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:38:43 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-11            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-1     | 4.504          | bb               | 776           |
| 2 | PCB-2     | 5.722          | bb               | 346           |
| 3 | PCB-3     | 6.269          | bb               | 1134          |
| 4 | PCB-4     | 6.462          | bb               | 799           |
| 5 | PCB-5     | 6.581          | bb               | 2850          |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|------------|---------------------|----------------------|
| 1 | A1221      | 5905                | 500.000              |
| 2 | A1221-2    | 5559                | 500.000              |
| 3 | A1221-5    | 3055                | 500.000              |
| 4 | A1232      | 2850                |                      |
| 5 | A1232-8/9  | 2850                |                      |





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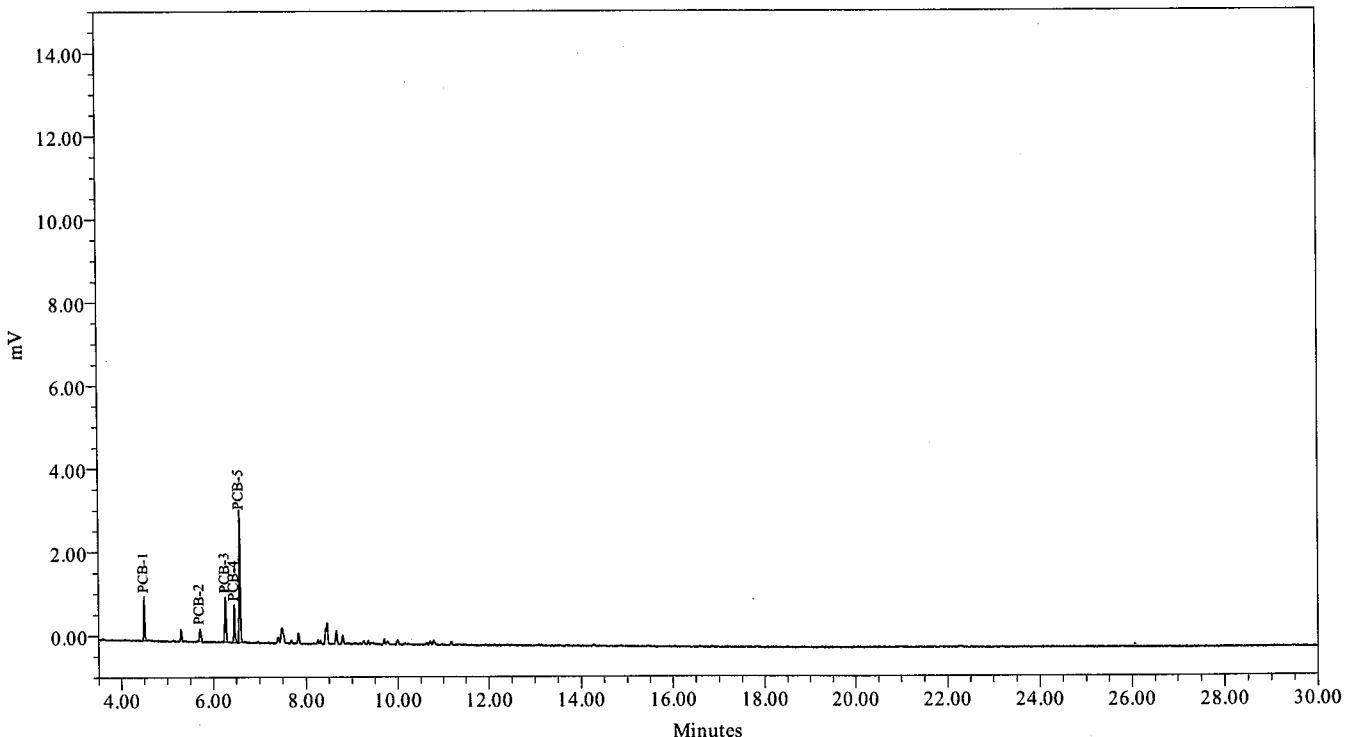
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120121E                 | Sample Amount:  | 1                       |
| Sample ID:         | A1221 1000 PPB          | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 17:41:43 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:41:54 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:38:59 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-12            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-1     | 4.506          | bb               | 1527          |
| 2 | PCB-2     | 5.717          | Vb               | 673           |
| 3 | PCB-3     | 6.272          | bb               | 2155          |
| 4 | PCB-4     | 6.466          | bb               | 1444          |
| 5 | PCB-5     | 6.585          | bb               | 5565          |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|------------|---------------------|----------------------|
| 1 | A1221      | 11365               | 1000.000             |
| 2 | A1221-2    | 10691               | 1000.000             |
| 3 | A1221-5    | 5799                | 1000.000             |
| 4 | A1232      | 5565                |                      |
| 5 | A1232-8/9  | 5565                |                      |





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System Name: Instrument\_20\_Ch01  
Sample Set Name: GC20F\_8082CC\_120108  
Sample Set Date: 12/01/2008 11:34:19 EST  
Processing Method: GC20F\_8082CC\_120108

Date Calibrated: 12/02/2008 11:53:00 EST  
Method Report: CCSum by RF 02  
User Name: Kari Lantiegne (KariL)

---

**Calibration Component Summary Table**  
**Component Summary For RF**

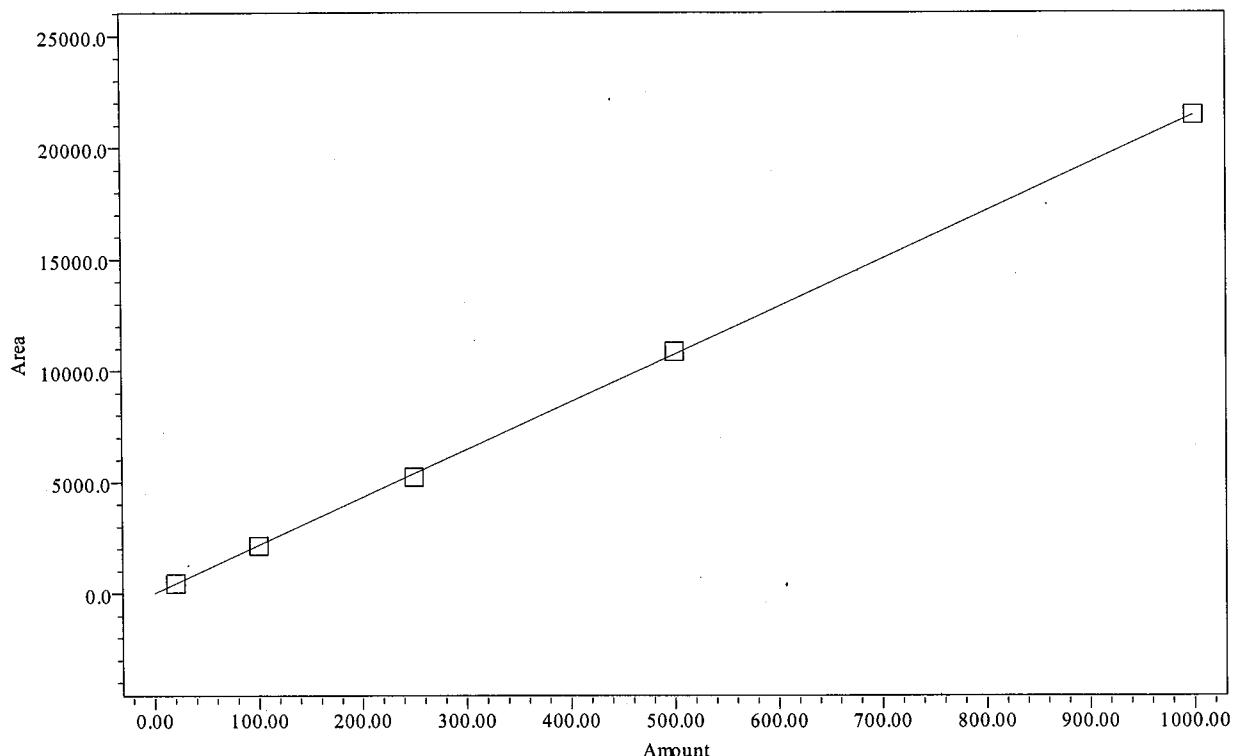
|           | Sample Name | A1232   | A1232-8/9 |
|-----------|-------------|---------|-----------|
| 1         | 120132A     | 22.7057 | 8.2240    |
| 2         | 120132B     | 21.3394 | 9.1060    |
| 3         | 120132C     | 20.9103 | 9.6256    |
| 4         | 120132D     | 21.7292 | 9.8603    |
| 5         | 120132E     | 21.4608 | 9.8491    |
| Mean      |             | 21.629  | 9.333     |
| Std. Dev. |             | 0.670   | 0.691     |
| % RSD     |             | 3.10    | 7.41      |



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Name: A1232  
System Name: Instrument\_20\_Ch01  
Date Calibrated: 12/02/2008 11:53:00 EST  
Processing Method: GC20F\_8082CC\_120108  
Fit Type: Linear (1st Order)  
Method Report: CCurve\_Rpt  
Coefficient constant A: 15.222405  
Coefficient first Order B: 21.425103  
Coefficient first Order C: 0.000000  
Coefficient first Order D: 0.000000  
Correlation coefficient R: 0.999904  
Coefficient of determination R^2: 0.999808

Calibration Curve



Point Table  
Peak: A1232

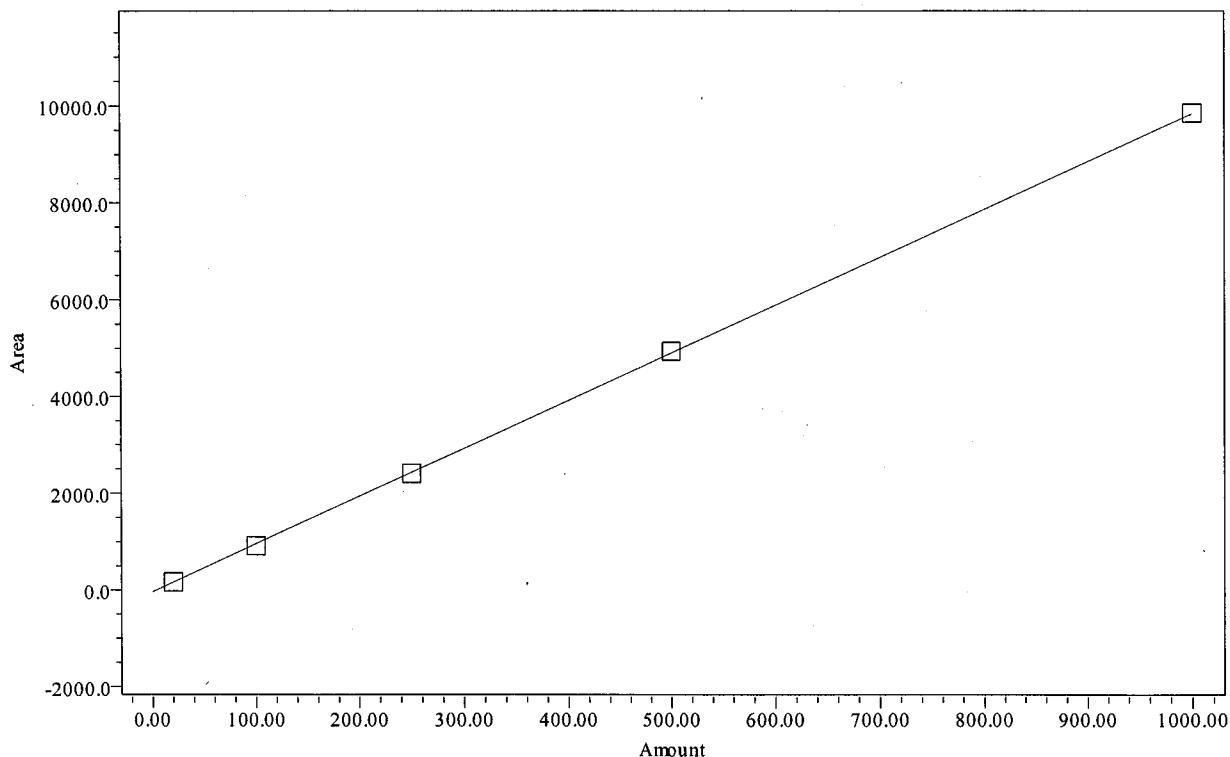
|   | Name  | Amount PPB | Response | Calc. Value | % Deviation | Manual | Ignore |
|---|-------|------------|----------|-------------|-------------|--------|--------|
| 1 | A1232 | 20.00      | 454      | 20.5        | 2.424       | No     | No     |
| 2 | A1232 | 100.00     | 2134     | 98.9        | -1.110      | No     | No     |
| 3 | A1232 | 250.00     | 5228     | 243.3       | -2.687      | No     | No     |
| 4 | A1232 | 500.00     | 10865    | 506.4       | 1.277       | No     | No     |
| 5 | A1232 | 1000.00    | 21461    | 1001.0      | 0.096       | No     | No     |



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Name: A1232-8/9  
System Name: Instrument\_20\_Ch01  
Date Calibrated: 12/02/2008 11:53:00 EST  
Processing Method: GC20F\_8082CC\_120108  
Fit Type: Linear (1st Order)  
Method Report: CCurve\_Rpt  
Coefficient constant A: -40.284795  
Coefficient first Order B: 9.872806  
Coefficient first Order C: 0.000000  
Coefficient first Order D: 0.000000  
Correlation coefficient R: 0.999930  
Coefficient of determination R^2: 0.999860

Calibration Curve



Point Table  
Peak: A1232-8/9

|   | Name      | Amount PPB | Response | Calc. Value | % Deviation | Manual | Ignore |
|---|-----------|------------|----------|-------------|-------------|--------|--------|
| 1 | A1232-8/9 | 20.00      | 164      | 20.7        | 3.701       | No     | No     |
| 2 | A1232-8/9 | 100.00     | 911      | 96.3        | -3.686      | No     | No     |
| 3 | A1232-8/9 | 250.00     | 2406     | 247.8       | -0.872      | No     | No     |
| 4 | A1232-8/9 | 500.00     | 4930     | 503.4       | 0.689       | No     | No     |
| 5 | A1232-8/9 | 1000.00    | 9849     | 1001.7      | 0.168       | No     | No     |



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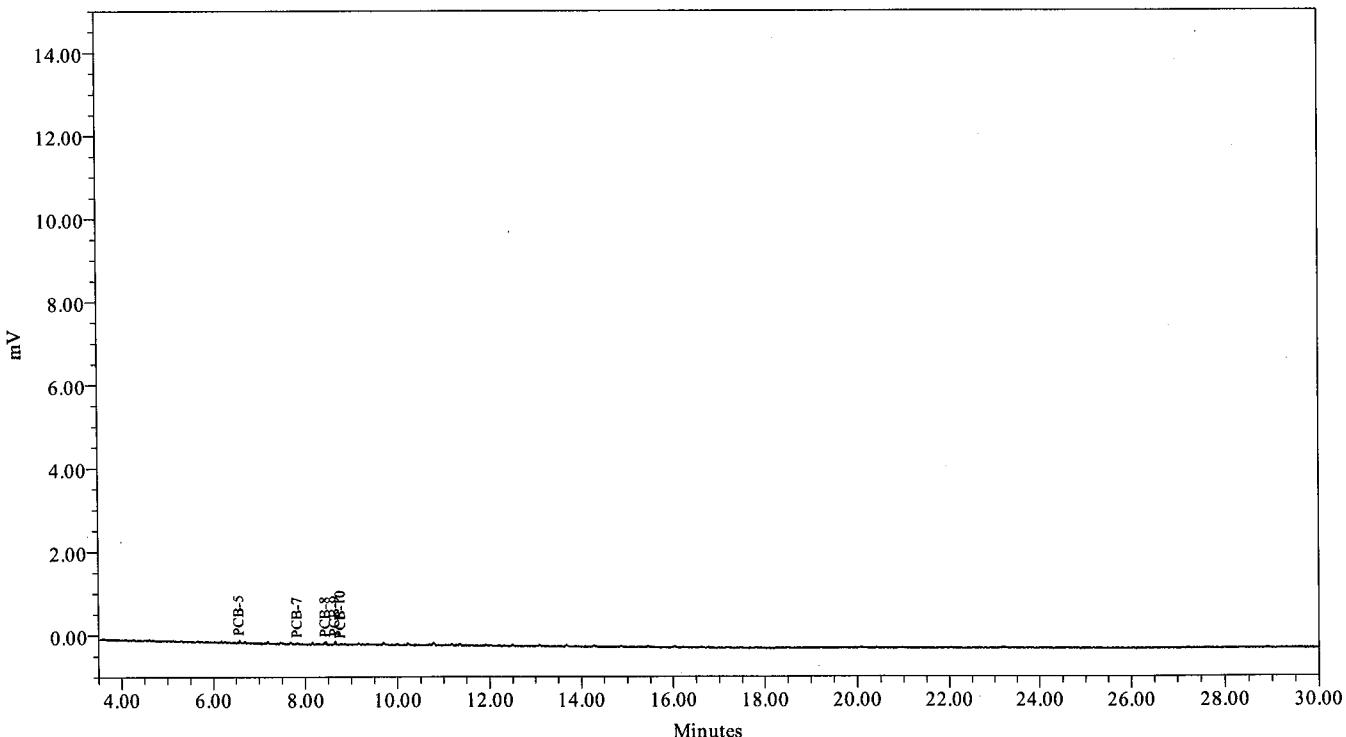
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120132A                 | Sample Amount:  | 1                       |
| Sample ID:         | A1232 20 PPB            | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 18:14:19 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:44:01 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:39:09 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-13            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-5     | 6.579          | bb               | 95            |
| 2 | PCB-7     | 7.846          | bb               | 40            |
| 3 | PCB-8     | 8.455          | bb               | 179           |
| 4 | PCB-9     | 8.663          | bb               | 111           |
| 5 | PCB-10    | 8.788          | bb               | 30            |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|------------|---------------------|----------------------|
| 1 | A1016      | 359                 |                      |
| 2 | A1221      | 95                  |                      |
| 3 | A1221-2    | 95                  |                      |
| 4 | A1232      | 454                 | 20.000               |
| 5 | A1232-8/9  | 164                 | 20.000               |
| 6 | A1242      | 359                 |                      |





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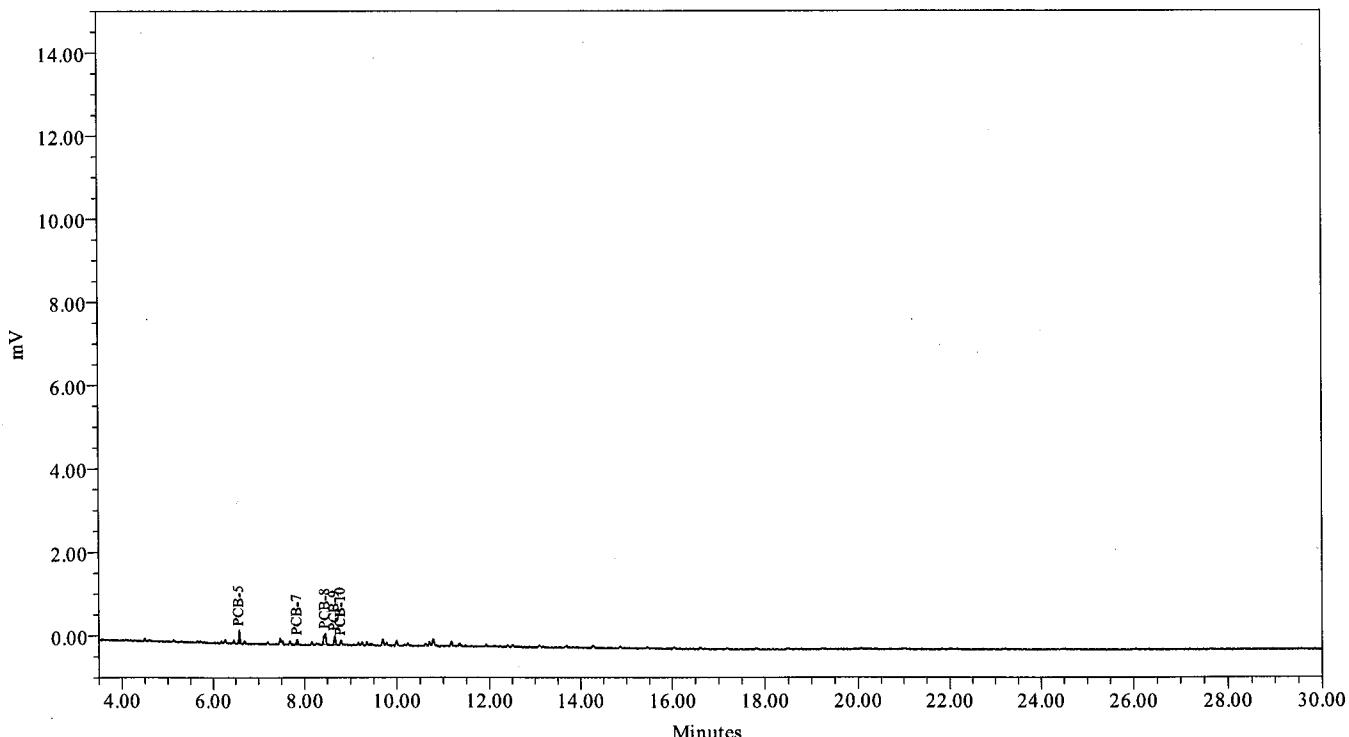
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120132B                 | Sample Amount:  | 1                       |
| Sample ID:         | A1232 100 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 18:46:55 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:44:19 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:39:24 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-14            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-5     | 6.584          | bb               | 482           |
| 2 | PCB-7     | 7.849          | bb               | 232           |
| 3 | PCB-8     | 8.461          | bb               | 815           |
| 4 | PCB-9     | 8.664          | bb               | 408           |
| 5 | PCB-10    | 8.801          | bb               | 196           |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|------------|---------------------|----------------------|
| 1 | A1016      | 1651                |                      |
| 2 | A1221      | 482                 |                      |
| 3 | A1221-2    | 482                 |                      |
| 4 | A1232      | 2134                | 100.000              |
| 5 | A1232-8/9  | 911                 | 100.000              |
| 6 | A1242      | 1651                |                      |





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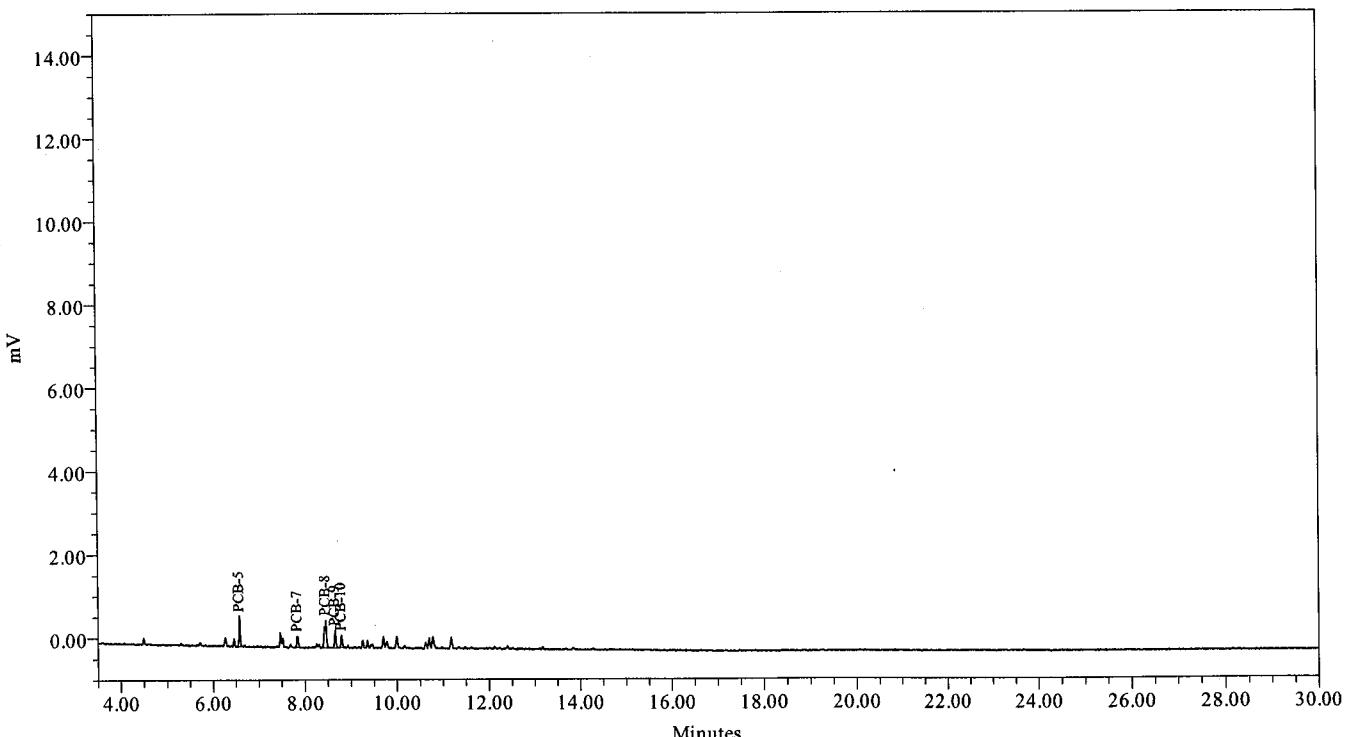
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120132C                 | Sample Amount:  | 1                       |
| Sample ID:         | A1232 250 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 19:19:32 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:44:40 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:39:32 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-15            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-5     | 6.584          | bb               | 1265          |
| 2 | PCB-7     | 7.846          | bb               | 605           |
| 3 | PCB-8     | 8.460          | bb               | 1982          |
| 4 | PCB-9     | 8.664          | bb               | 839           |
| 5 | PCB-10    | 8.803          | bb               | 536           |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|------------|---------------------|----------------------|
| 1 | A1016      | 3962                |                      |
| 2 | A1221      | 1265                |                      |
| 3 | A1221-2    | 1265                |                      |
| 4 | A1232      | 5228                | 250.000              |
| 5 | A1232-8/9  | 2406                | 250.000              |
| 6 | A1242      | 3962                |                      |





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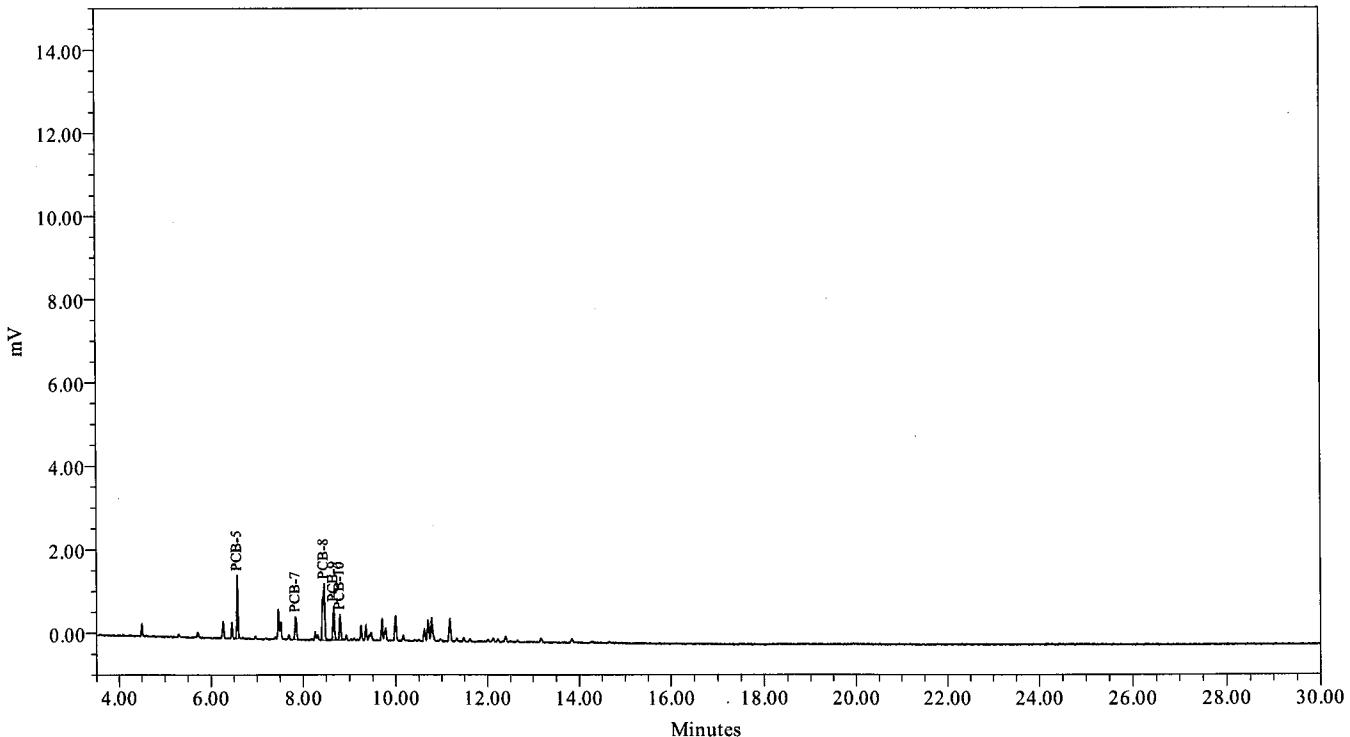
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120132D                 | Sample Amount:  | 1                       |
| Sample ID:         | A1232 500 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 19:52:09 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:44:58 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:39:54 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-16            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-5     | 6.584          | bb               | 2540          |
| 2 | PCB-7     | 7.845          | bb               | 1243          |
| 3 | PCB-8     | 8.461          | bB               | 4249          |
| 4 | PCB-9     | 8.666          | BV               | 1686          |
| 5 | PCB-10    | 8.803          | VV               | 1147          |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|------------|---------------------|----------------------|
| 1 | A1016      | 8325                |                      |
| 2 | A1221      | 2540                |                      |
| 3 | A1221-2    | 2540                |                      |
| 4 | A1232      | 10865               | 500.000              |
| 5 | A1232-8/9  | 4930                | 500.000              |
| 6 | A1242      | 8325                |                      |





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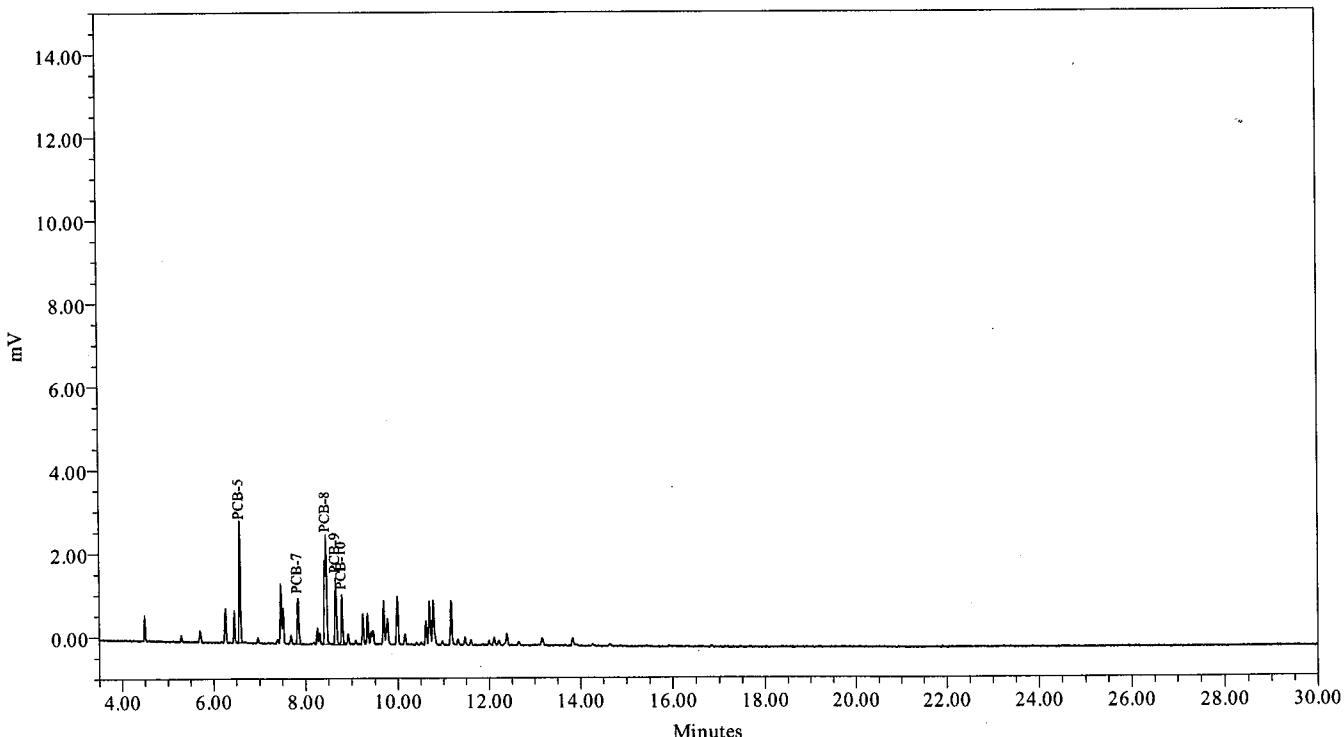
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120132E                 | Sample Amount:  | 1                       |
| Sample ID:         | A1232 1000 PPB          | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 20:24:47 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:45:18 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:40:16 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-17            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-5     | 6.579          | bb               | 5054          |
| 2 | PCB-7     | 7.841          | bb               | 2487          |
| 3 | PCB-8     | 8.454          | bV               | 8227          |
| 4 | PCB-9     | 8.660          | VV               | 3385          |
| 5 | PCB-10    | 8.797          | VV               | 2308          |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|------------|---------------------|----------------------|
| 1 | A1016      | 16407               |                      |
| 2 | A1221      | 5054                |                      |
| 3 | A1221-2    | 5054                |                      |
| 4 | A1232      | 21461               | 1000.000             |
| 5 | A1232-8/9  | 9849                | 1000.000             |
| 6 | A1242      | 16407               |                      |





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System Name: Instrument\_20\_Ch01 Date Calibrated: 12/02/2008 11:53:00 EST  
Sample Set Name: GC20F\_8082CC\_120108 Method Report: CCSum by RF 02  
Sample Set Date: 12/01/2008 11:34:19 EST User Name: Kari Lantiegne (KariL)  
Processing Method: GC20F\_8082CC\_120108

#### Calibration Component

#### Summary Table

#### Component Summary For RF

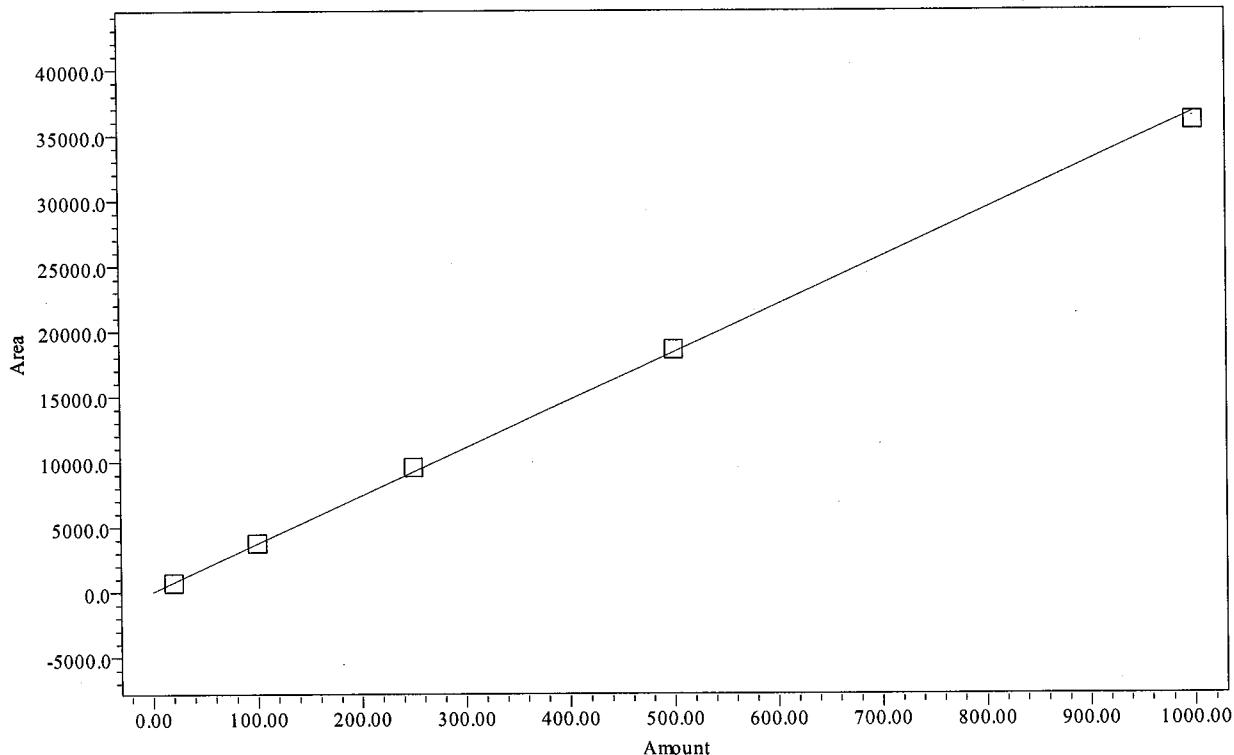
|           | Sample Name | A1242   |
|-----------|-------------|---------|
| 1         | 120142A     | 36.2769 |
| 2         | 120142B     | 37.3946 |
| 3         | 120142C     | 38.2223 |
| 4         | 120142D     | 37.0852 |
| 5         | 120142E     | 35.9999 |
| Mean      |             | 36.996  |
| Std. Dev. |             | 0.892   |
| % RSD     |             | 2.41    |



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|                    |                         |   |           |
|--------------------|-------------------------|---|-----------|
| Name:              | A1242                   | Coefficient constant A:                       | 30.862637 |
| System Name:       | Instrument_20_Ch01      | Coefficient first Order B:                    | 36.582230 |
| Date Calibrated:   | 12/02/2008 11:53:00 EST | Coefficient first Order C:                    | 0.000000  |
| Processing Method: | GC20F_8082CC_120108     | Coefficient first Order D:                    | 0.000000  |
| Fit Type:          | Linear (1st Order)      | Correlation coefficient R:                    | 0.999715  |
| Method Report:     | CCurve_Rpt              | Coefficient of determination R <sup>2</sup> : | 0.999430  |

Calibration Curve



Point Table  
Peak: A1242

|   | Name  | Amount PPB | Response | Calc. Value | % Deviation | Manual | Ignore |
|---|-------|------------|----------|-------------|-------------|--------|--------|
| 1 | A1242 | 20.00      | 726      | 19.0        | -5.053      | No     | No     |
| 2 | A1242 | 100.00     | 3739     | 101.4       | 1.377       | No     | No     |
| 3 | A1242 | 250.00     | 9556     | 260.4       | 4.146       | No     | No     |
| 4 | A1242 | 500.00     | 18543    | 506.0       | 1.206       | No     | No     |
| 5 | A1242 | 1000.00    | 36000    | 983.2       | -1.676      | No     | No     |



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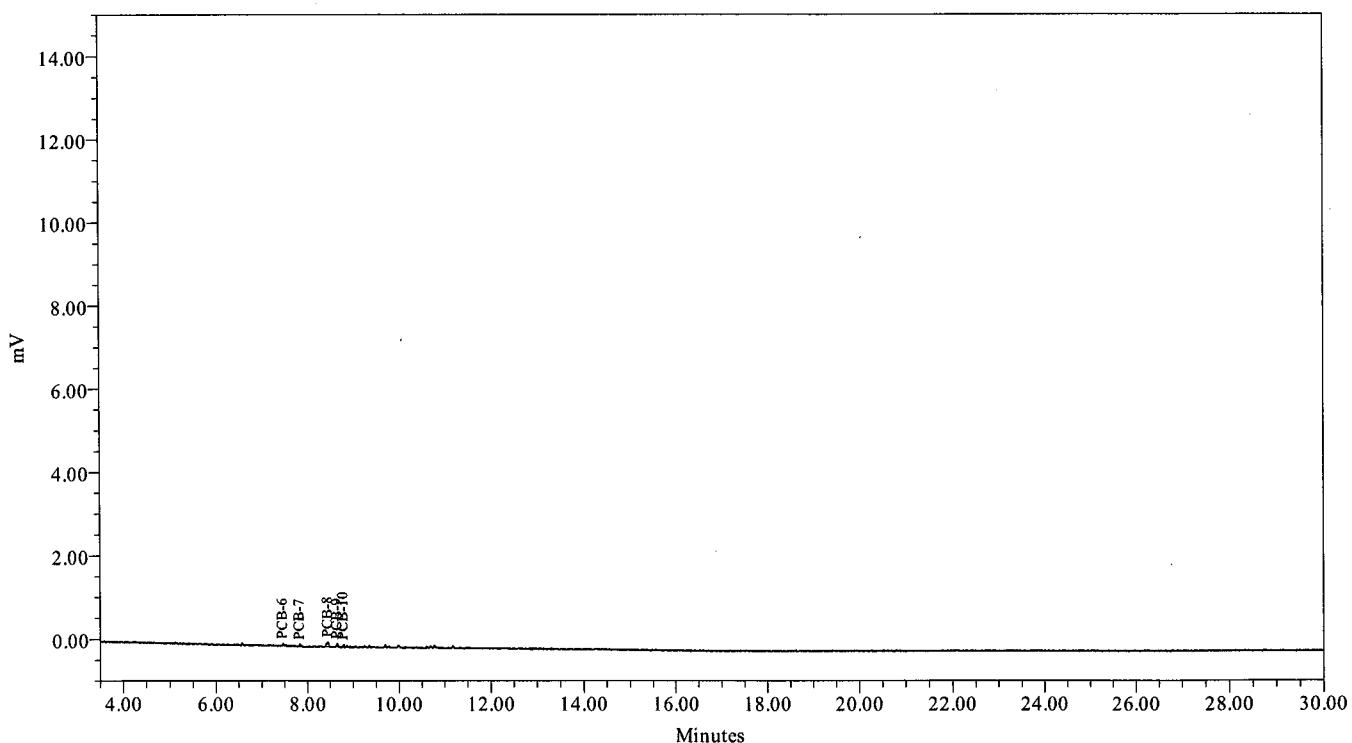
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120142A                 | Sample Amount:  | 1                       |
| Sample ID:         | A1242 20 PPB            | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 20:57:24 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:46:19 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:40:34 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-18            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-6     | 7.470          | bb               | 81            |
| 2 | PCB-7     | 7.836          | bb               | 89            |
| 3 | PCB-8     | 8.455          | bb               | 300           |
| 4 | PCB-9     | 8.658          | bb               | 148           |
| 5 | PCB-10    | 8.793          | bb               | 107           |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|------------|---------------------|----------------------|
| 1 | A1016      | 726                 |                      |
| 2 | A1232      | 645                 |                      |
| 3 | A1232-8/9  | 197                 |                      |
| 4 | A1242      | 726                 | 20.000               |





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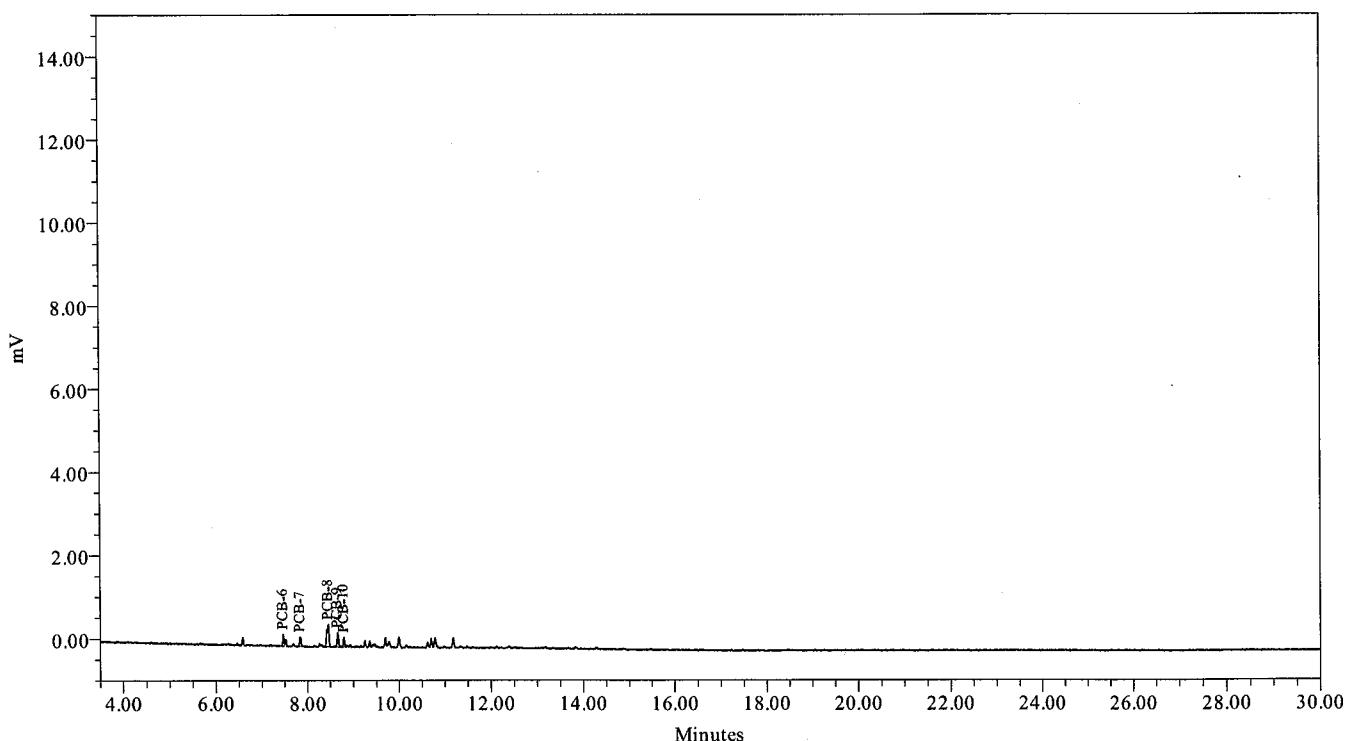
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120142B                 | Sample Amount:  | 1                       |
| Sample ID:         | A1242 100 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 21:30:00 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:46:34 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:40:42 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-19            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-6     | 7.472          | bV               | 478           |
| 2 | PCB-7     | 7.844          | bb               | 459           |
| 3 | PCB-8     | 8.459          | bb               | 1636          |
| 4 | PCB-9     | 8.664          | bb               | 708           |
| 5 | PCB-10    | 8.800          | bb               | 458           |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|------------|---------------------|----------------------|
| 1 | A1016      | 3739                |                      |
| 2 | A1232      | 3261                |                      |
| 3 | A1232-8/9  | 917                 |                      |
| 4 | A1242      | 3739                | 100.000              |





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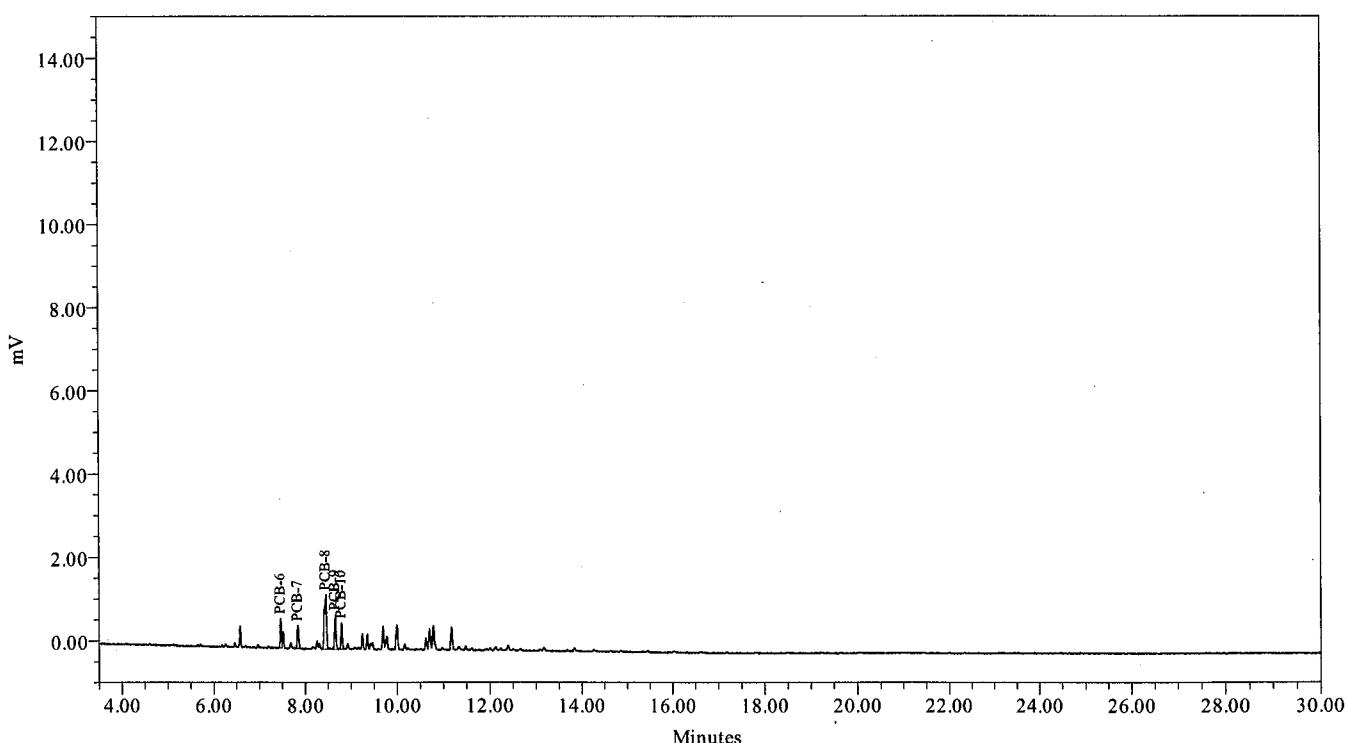
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120142C                 | Sample Amount:  | 1                       |
| Sample ID:         | A1242 250 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 22:02:36 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:46:49 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:41:00 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-20            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-6     | 7.472          | bV               | 1198          |
| 2 | PCB-7     | 7.844          | bb               | 1223          |
| 3 | PCB-8     | 8.459          | bV               | 4209          |
| 4 | PCB-9     | 8.664          | VV               | 1751          |
| 5 | PCB-10    | 8.801          | VV               | 1175          |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|------------|---------------------|----------------------|
| 1 | A1016      | 9556                |                      |
| 2 | A1232      | 8357                |                      |
| 3 | A1232-8/9  | 2398                |                      |
| 4 | A1242      | 9556                | 250.000              |





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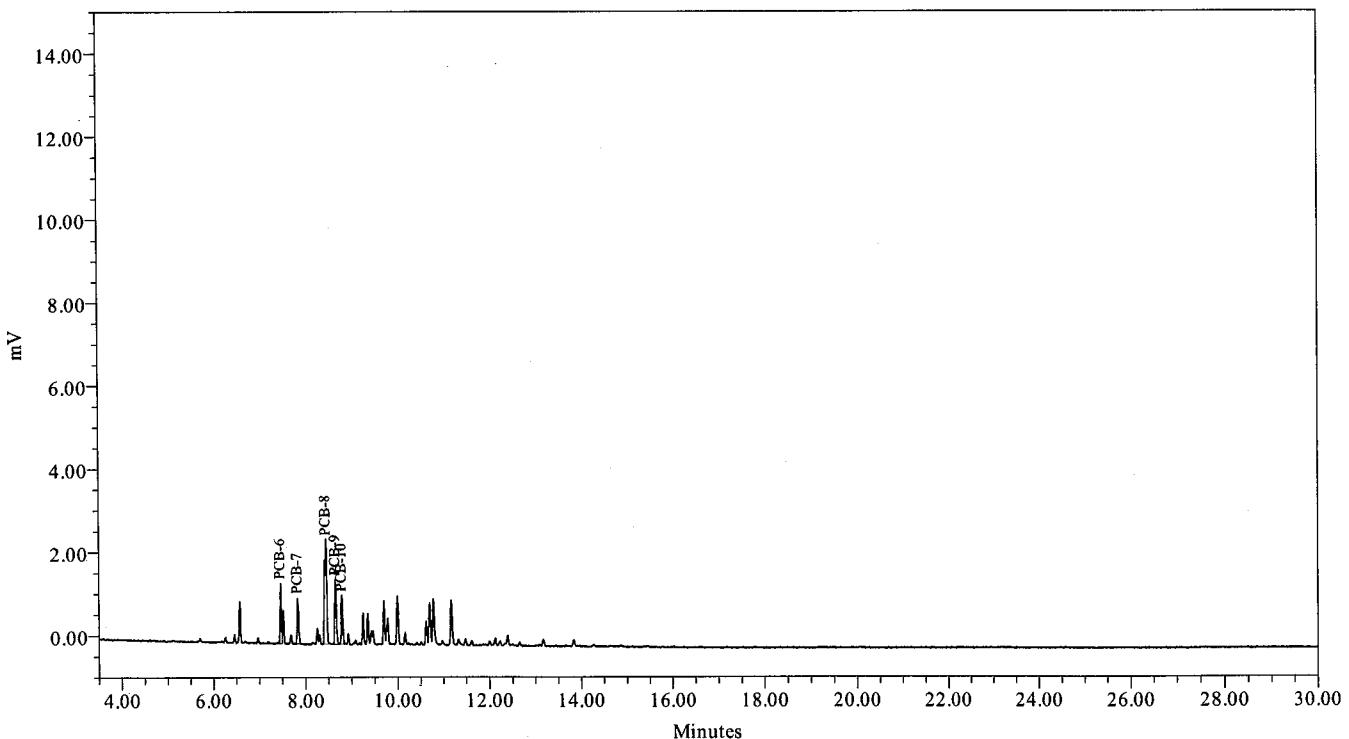
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120142D                 | Sample Amount:  | 1                       |
| Sample ID:         | A1242 500 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 22:35:12 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:47:04 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:41:09 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-21            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-6     | 7.470          | bV               | 2410          |
| 2 | PCB-7     | 7.841          | bb               | 2460          |
| 3 | PCB-8     | 8.455          | bV               | 8053          |
| 4 | PCB-9     | 8.661          | VV               | 3296          |
| 5 | PCB-10    | 8.797          | VV               | 2323          |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|------------|---------------------|----------------------|
| 1 | A1016      | 18543               |                      |
| 2 | A1232      | 16132               |                      |
| 3 | A1232-8/9  | 4783                |                      |
| 4 | A1242      | 18543               | 500.000              |





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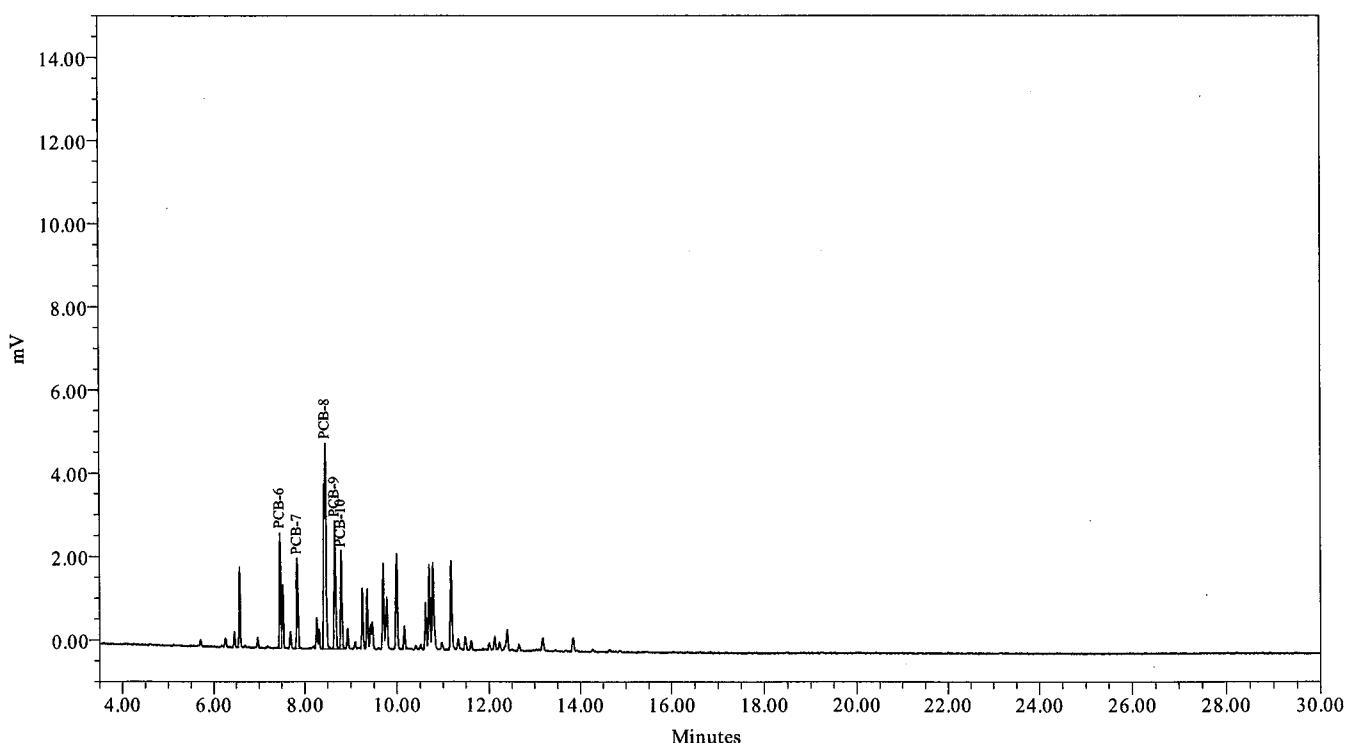
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120142E                 | Sample Amount:  | 1                       |
| Sample ID:         | A1242 1000 PPB          | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 23:07:49 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:47:20 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:41:25 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-22            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-6     | 7.473          | bV               | 4632          |
| 2 | PCB-7     | 7.845          | bb               | 4836          |
| 3 | PCB-8     | 8.460          | bV               | 15688         |
| 4 | PCB-9     | 8.664          | VV               | 6380          |
| 5 | PCB-10    | 8.802          | VV               | 4464          |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|------------|---------------------|----------------------|
| 1 | A1016      | 36000               |                      |
| 2 | A1232      | 31367               |                      |
| 3 | A1232-8/9  | 9300                |                      |
| 4 | A1242      | 36000               | 1000.000             |





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|                    |                         |                  |                         |
|--------------------|-------------------------|------------------|-------------------------|
| System Name:       | Instrument_20_Ch01      | Date Calibrated: | 12/02/2008 11:53:00 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | Method Report:   | CCSum by RF 02          |
| Sample Set Date:   | 12/01/2008 11:34:19 EST | User Name:       | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     |                  |                         |

Calibration Component Summary Table  
Component Summary For RF

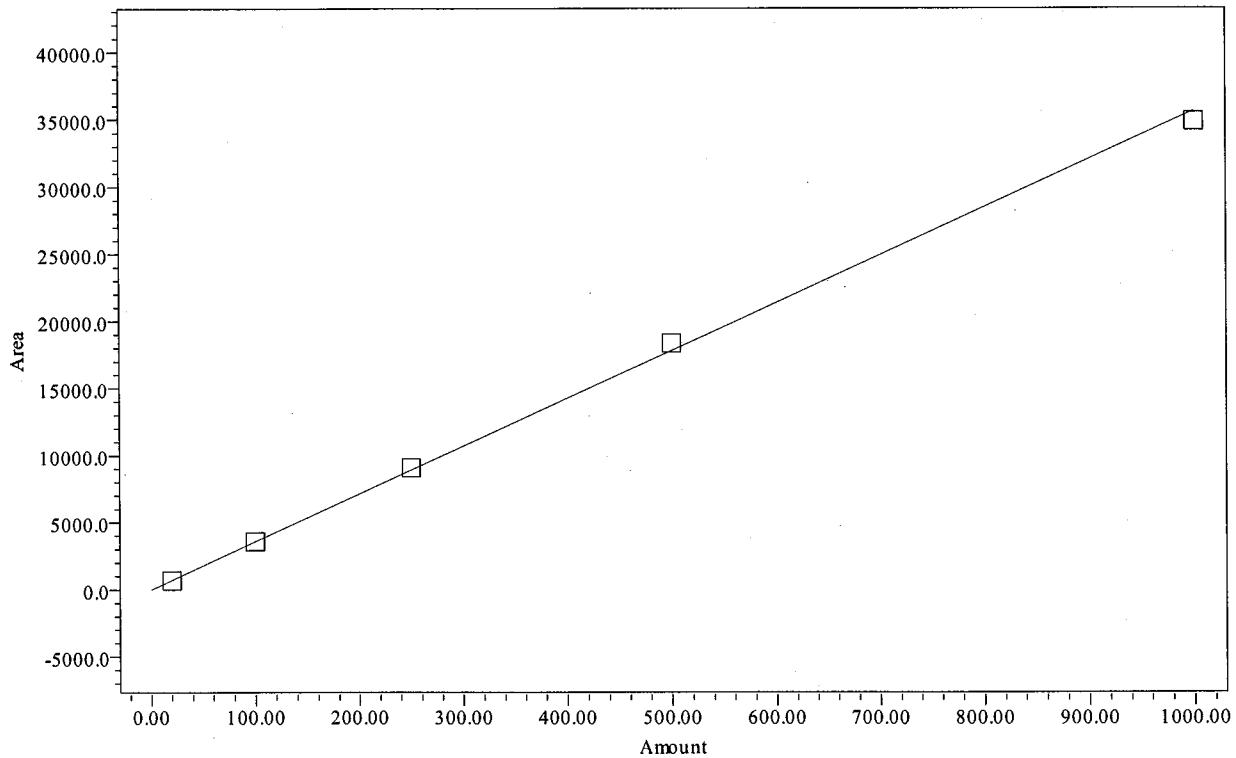
|           | Sample Name | A1248-11/15 | A1248-14/15 | A1248   |
|-----------|-------------|-------------|-------------|---------|
| 1         | 120148A     | 22.1439     | 19.1458     | 34.0924 |
| 2         | 120148B     | 23.2220     | 16.9242     | 35.6939 |
| 3         | 120148C     | 23.6592     | 17.2126     | 36.2701 |
| 4         | 120148D     | 23.8715     | 17.1861     | 36.7139 |
| 5         | 120148E     | 22.6209     | 16.5005     | 34.8517 |
| Mean      |             | 23.104      | 17.394      | 35.524  |
| Std. Dev. |             | 0.719       | 1.020       | 1.061   |
| % RSD     |             | 3.11        | 5.87        | 2.99    |



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Name: A1248  
System Name: Instrument\_20\_Ch01  
Date Calibrated: 12/02/2008 11:53:00 EST  
Processing Method: GC20F\_8082CC\_120108  
Fit Type: Linear (1st Order)  
Method Report: CCurve\_Rpt  
Coefficient constant A: -4.825895  
Coefficient first Order B: 35.589048  
Coefficient first Order C: 0.000000  
Coefficient first Order D: 0.000000  
Correlation coefficient R: 0.999648  
Coefficient of determination R^2: 0.999295

Calibration Curve



Point Table  
Peak: A1248

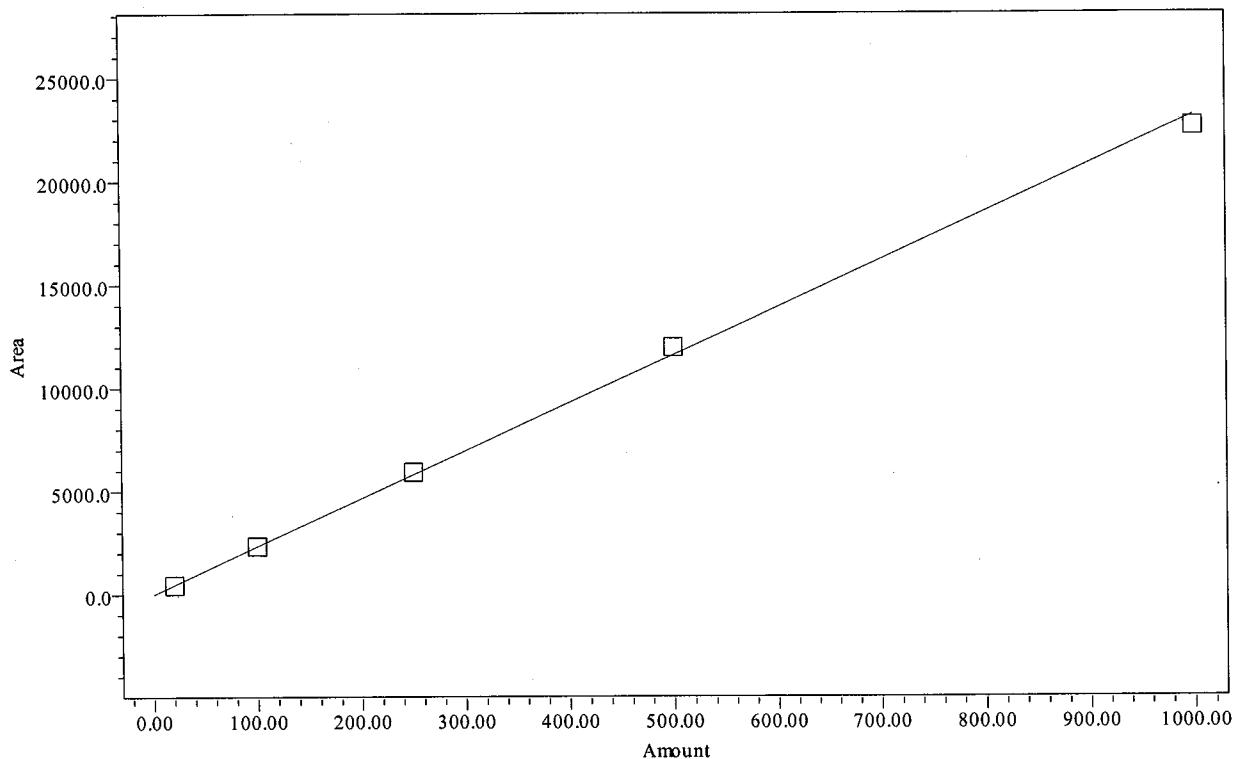
|   | Name  | Amount PPB | Response | Calc. Value | % Deviation | Manual | Ignore |
|---|-------|------------|----------|-------------|-------------|--------|--------|
| 1 | A1248 | 20.00      | 682      | 19.3        | -3.527      | No     | No     |
| 2 | A1248 | 100.00     | 3569     | 100.4       | 0.430       | No     | No     |
| 3 | A1248 | 250.00     | 9068     | 254.9       | 1.968       | No     | No     |
| 4 | A1248 | 500.00     | 18357    | 515.9       | 3.188       | No     | No     |
| 5 | A1248 | 1000.00    | 34852    | 979.4       | -2.058      | No     | No     |



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Name: A1248-11/15 Coefficient constant A: -1.645932  
System Name: Instrument\_20\_Ch01 Coefficient first Order B: 23.125571  
Date Calibrated: 12/02/2008 11:53:00 EST Coefficient first Order C: 0.000000  
Processing Method: GC20F\_8082CC\_120108 Coefficient first Order D: 0.000000  
Fit Type: Linear (1st Order) Correlation coefficient R: 0.999610  
Method Report: CCurve\_Rpt Coefficient of determination R^2: 0.999221

Calibration Curve



Point Table  
Peak: A1248-11/15

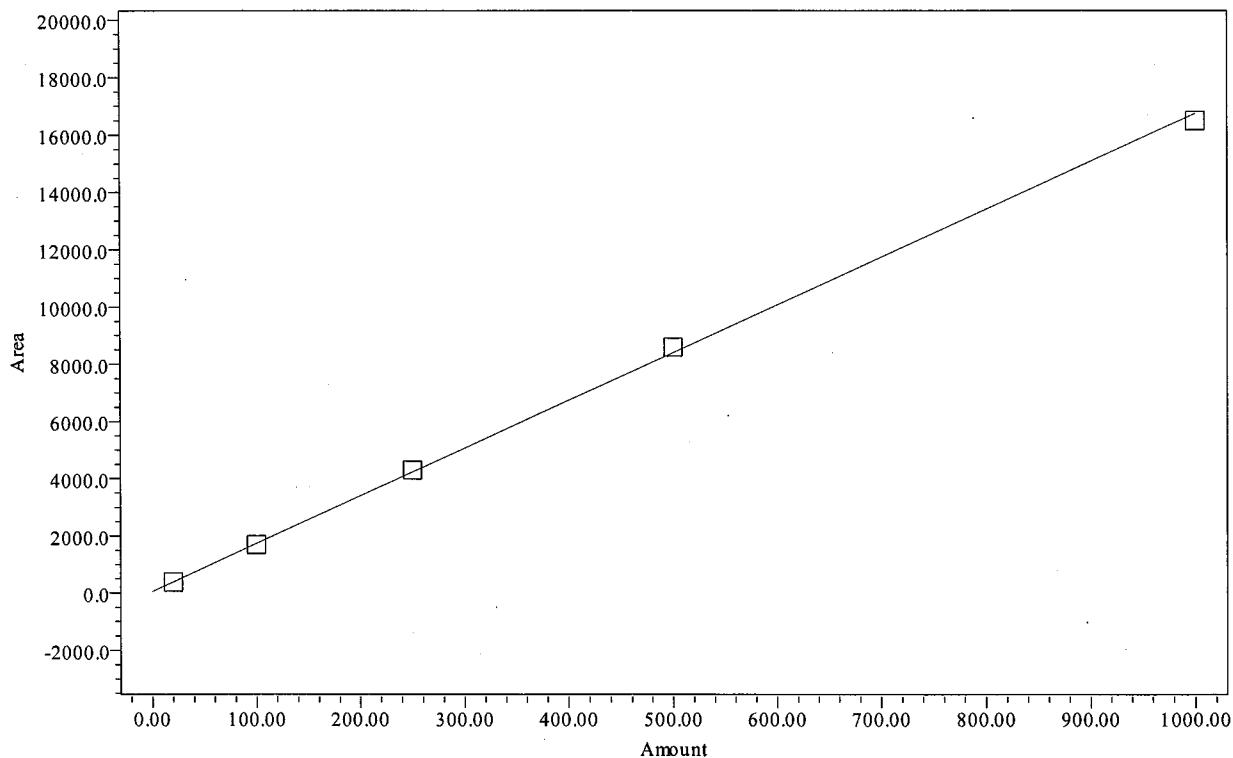
|   | Name        | Amount PPB | Response | Calc. Value | % Deviation | Manual | Ignore |
|---|-------------|------------|----------|-------------|-------------|--------|--------|
| 1 | A1248-11/15 | 20.00      | 443      | 19.2        | -3.889      | No     | No     |
| 2 | A1248-11/15 | 100.00     | 2322     | 100.5       | 0.488       | No     | No     |
| 3 | A1248-11/15 | 250.00     | 5915     | 255.8       | 2.336       | No     | No     |
| 4 | A1248-11/15 | 500.00     | 11936    | 516.2       | 3.240       | No     | No     |
| 5 | A1248-11/15 | 1000.00    | 22621    | 978.2       | -2.175      | No     | No     |



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Name: A1248-14/15 Coefficient constant A: 52.568594  
System Name: Instrument\_20\_Ch01 Coefficient first Order B: 16.689410  
Date Calibrated: 12/02/2008 11:53:00 EST Coefficient first Order C: 0.000000  
Processing Method: GC20F\_8082CC\_120108 Coefficient first Order D: 0.000000  
Fit Type: Linear (1st Order) Correlation coefficient R: 0.999798  
Method Report: CCurve\_Rpt Coefficient of determination R^2: 0.999596

Calibration Curve



Point Table  
Peak: A1248-14/15

|   | Name        | Amount PPB | Response | Calc. Value | % Deviation | Manual | Ignore |
|---|-------------|------------|----------|-------------|-------------|--------|--------|
| 1 | A1248-14/15 | 20.00      | 383      | 19.8        | -1.031      | No     | No     |
| 2 | A1248-14/15 | 100.00     | 1692     | 98.3        | -1.743      | No     | No     |
| 3 | A1248-14/15 | 250.00     | 4303     | 254.7       | 1.875       | No     | No     |
| 4 | A1248-14/15 | 500.00     | 8593     | 511.7       | 2.346       | No     | No     |
| 5 | A1248-14/15 | 1000.00    | 16501    | 985.5       | -1.447      | No     | No     |



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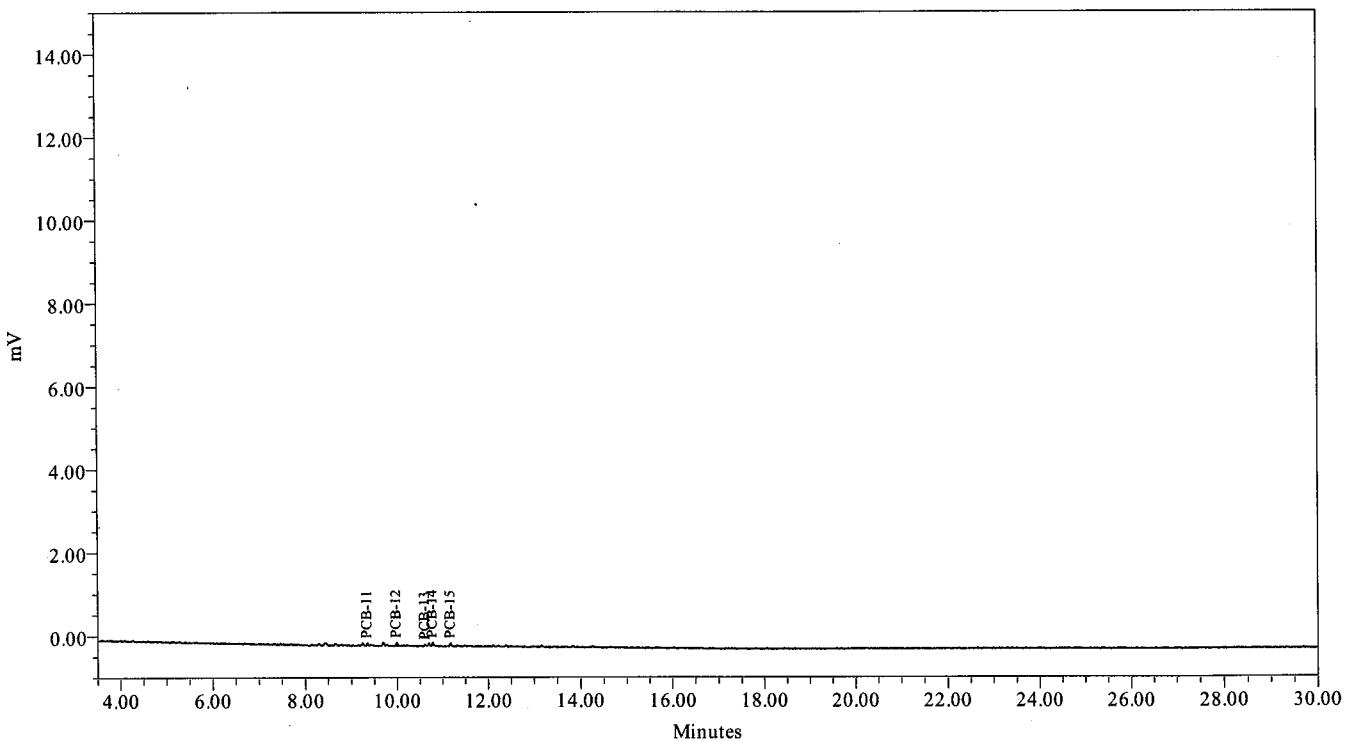
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120148A                 | Sample Amount:  | 1                       |
| Sample ID:         | A1248 20 PPB            | Dilution:       | 1                       |
| Date Acquired:     | 12/01/2008 23:40:25 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:48:14 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:41:34 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-23            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-11    | 9.356          | bb               | 113           |
| 2 | PCB-12    | 9.993          | bb               | 206           |
| 3 | PCB-13    | 10.619         | bb               | 63            |
| 4 | PCB-14    | 10.789         | bb               | 173           |
| 5 | PCB-15    | 11.183         | bb               | 126           |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|-------------|---------------------|----------------------|
| 1 | A1248       | 682                 | 20.000               |
| 2 | A1248-11/15 | 443                 | 20.000               |
| 3 | A1248-14/15 | 383                 | 20.000               |





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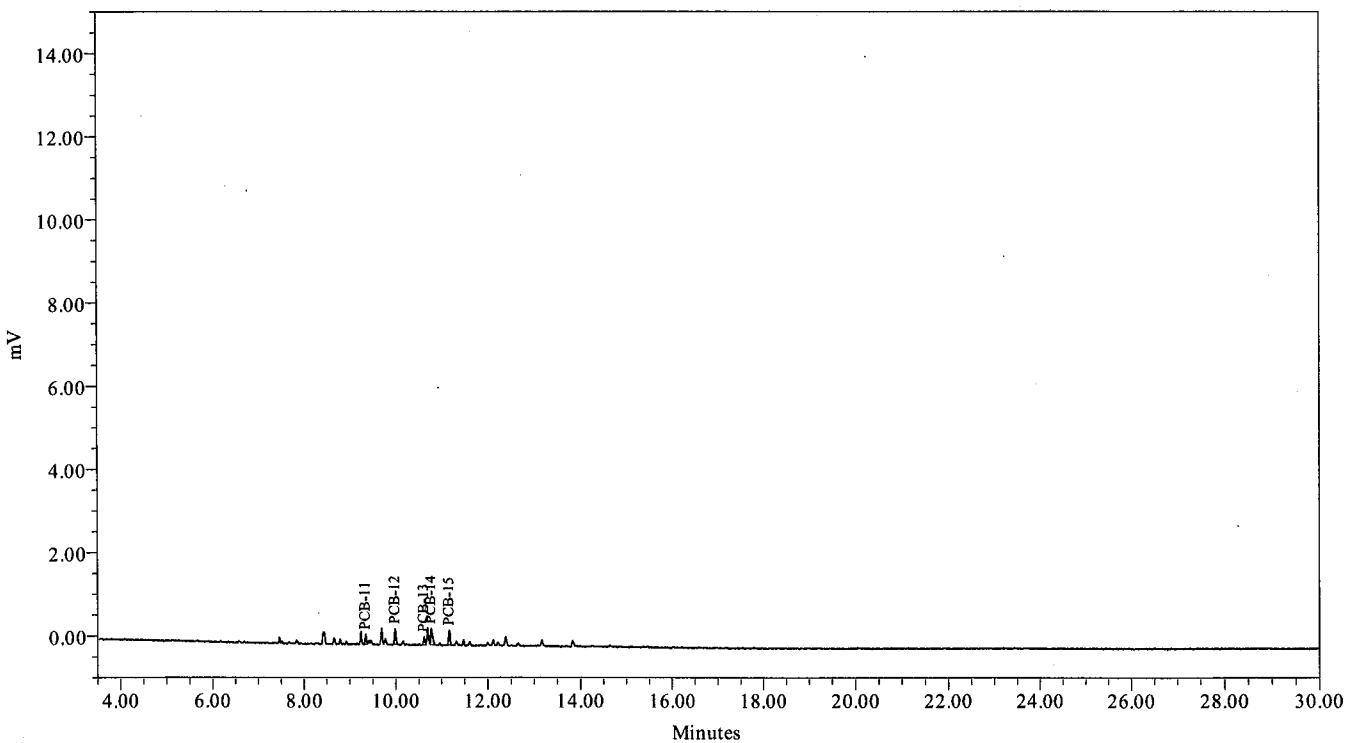
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120148B                 | Sample Amount:  | 1                       |
| Sample ID:         | A1248 100 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/02/2008 00:13:01 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:48:29 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:41:51 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-24            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-11    | 9.355          | bb               | 459           |
| 2 | PCB-12    | 9.994          | bb               | 816           |
| 3 | PCB-13    | 10.622         | bV               | 417           |
| 4 | PCB-14    | 10.779         | Vb               | 1089          |
| 5 | PCB-15    | 11.173         | bb               | 788           |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|-------------|---------------------|----------------------|
| 1 | A1248       | 3569                | 100.000              |
| 2 | A1248-11/15 | 2322                | 100.000              |
| 3 | A1248-14/15 | 1692                | 100.000              |





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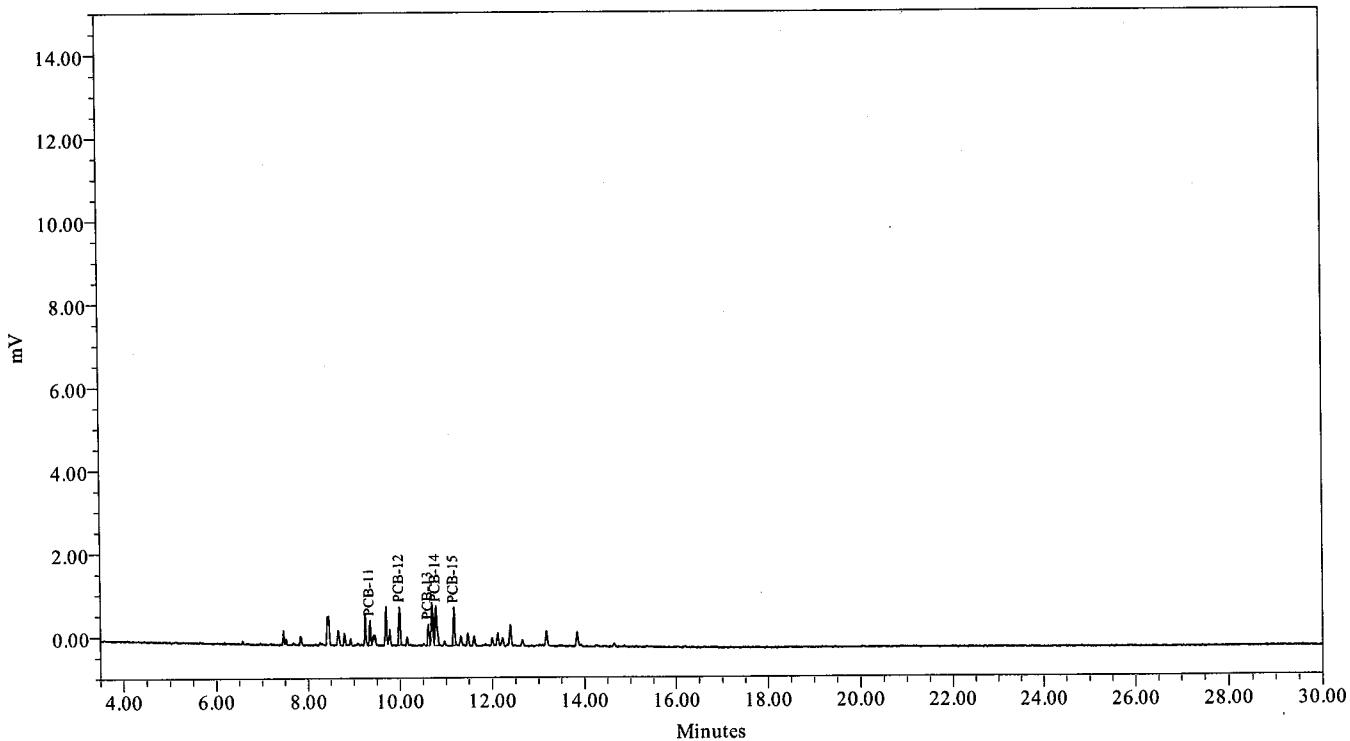
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120148C                 | Sample Amount:  | 1                       |
| Sample ID:         | A1248 250 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/02/2008 00:45:38 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:48:47 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:41:59 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-25            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-11    | 9.359          | bV               | 1154          |
| 2 | PCB-12    | 9.997          | bb               | 2035          |
| 3 | PCB-13    | 10.625         | bV               | 1114          |
| 4 | PCB-14    | 10.782         | Vb               | 2766          |
| 5 | PCB-15    | 11.175         | bb               | 1999          |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|-------------|---------------------|----------------------|
| 1 | A1248       | 9068                | 250.000              |
| 2 | A1248-11/15 | 5915                | 250.000              |
| 3 | A1248-14/15 | 4303                | 250.000              |





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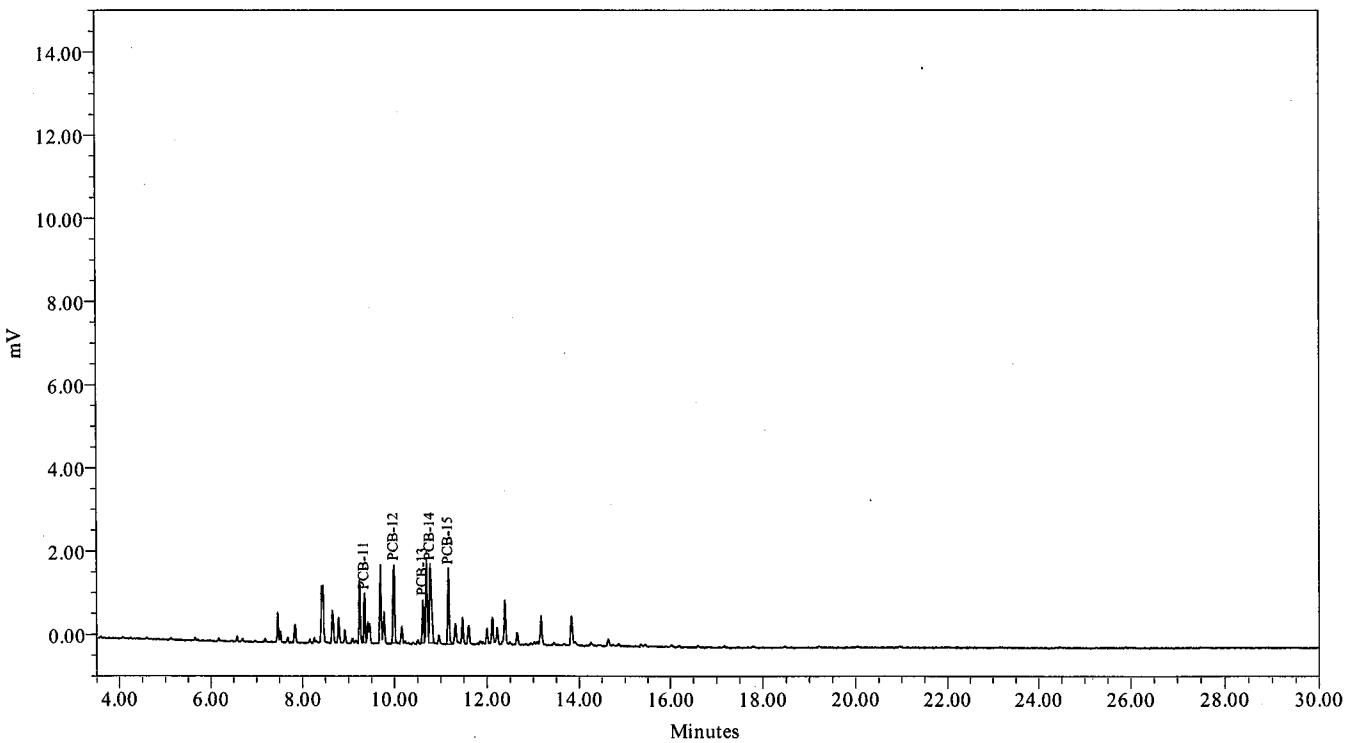
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120148D                 | Sample Amount:  | 1                       |
| Sample ID:         | A1248 500 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/02/2008 01:18:15 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:49:05 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:42:16 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-26            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-11    | 9.355          | bV               | 2215          |
| 2 | PCB-12    | 9.994          | bb               | 4188          |
| 3 | PCB-13    | 10.621         | bV               | 2190          |
| 4 | PCB-14    | 10.778         | Vb               | 5557          |
| 5 | PCB-15    | 11.171         | bb               | 4207          |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|-------------|---------------------|----------------------|
| 1 | A1248       | 18357               | 500.000              |
| 2 | A1248-11/15 | 11936               | 500.000              |
| 3 | A1248-14/15 | 8593                | 500.000              |





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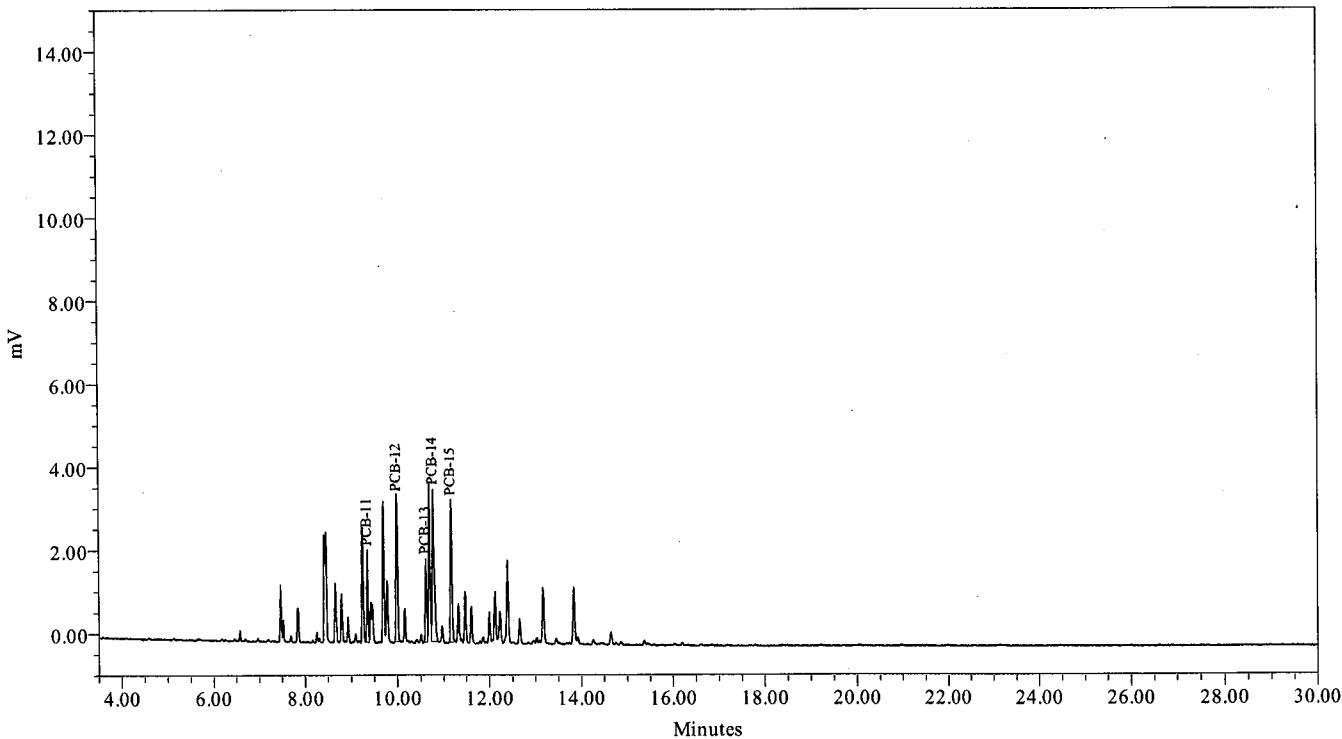
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120148E                 | Sample Amount:  | 1                       |
| Sample ID:         | A1248 1000 PPB          | Dilution:       | 1                       |
| Date Acquired:     | 12/02/2008 01:50:52 EST | Extract Volume: | 1                       |
| Project Name:      | PCBGC20F_Sep_2008       | Date Processed: | 12/02/2008 11:49:23 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:42:26 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-27            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-11    | 9.360          | bV               | 4301          |
| 2 | PCB-12    | 9.999          | bb               | 7953          |
| 3 | PCB-13    | 10.626         | bV               | 4247          |
| 4 | PCB-14    | 10.783         | Vb               | 10422         |
| 5 | PCB-15    | 11.176         | bb               | 7930          |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|-------------|---------------------|----------------------|
| 1 | A1248       | 34852               | 1000.000             |
| 2 | A1248-11/15 | 22621               | 1000.000             |
| 3 | A1248-14/15 | 16501               | 1000.000             |





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System Name: Instrument\_20\_Ch01 Date Calibrated: 12/02/2008 11:53:00 EST  
Sample Set Name: GC20F\_8082CC\_120108 Method Report: CCSum by RF 01  
Sample Set Date: 12/01/2008 11:34:19 EST User Name: Kari Lantiegne (KariL)  
Processing Method: GC20F\_8082CC\_120108

Calibration Component Summary Table  
Component Summary For RF

|           | Sample Name | A1254-17/18 | A1254-19/20 | A1254-20 | A1254   |
|-----------|-------------|-------------|-------------|----------|---------|
| 1         | 120154B     | 31.5943     | 31.7601     | 41.7450  | 53.0854 |
| 2         | 120154C     | 32.6706     | 32.2710     | 42.2713  | 55.0443 |
| 3         | 120154D     | 31.5000     | 31.2269     | 40.9287  | 53.1889 |
| 4         | 120154E     | 29.9294     | 29.8271     | 38.9946  | 50.7662 |
| 5         | 120154A     | 30.0014     | 32.5948     | 42.5883  | 53.4439 |
| Mean      |             | 31.139      | 31.536      | 41.306   | 53.106  |
| Std. Dev. |             | 1.166       | 1.087       | 1.436    | 1.529   |
| % RSD     |             | 3.75        | 3.45        | 3.48     | 2.88    |

Calibration Component Summary Table  
Component Summary For RF

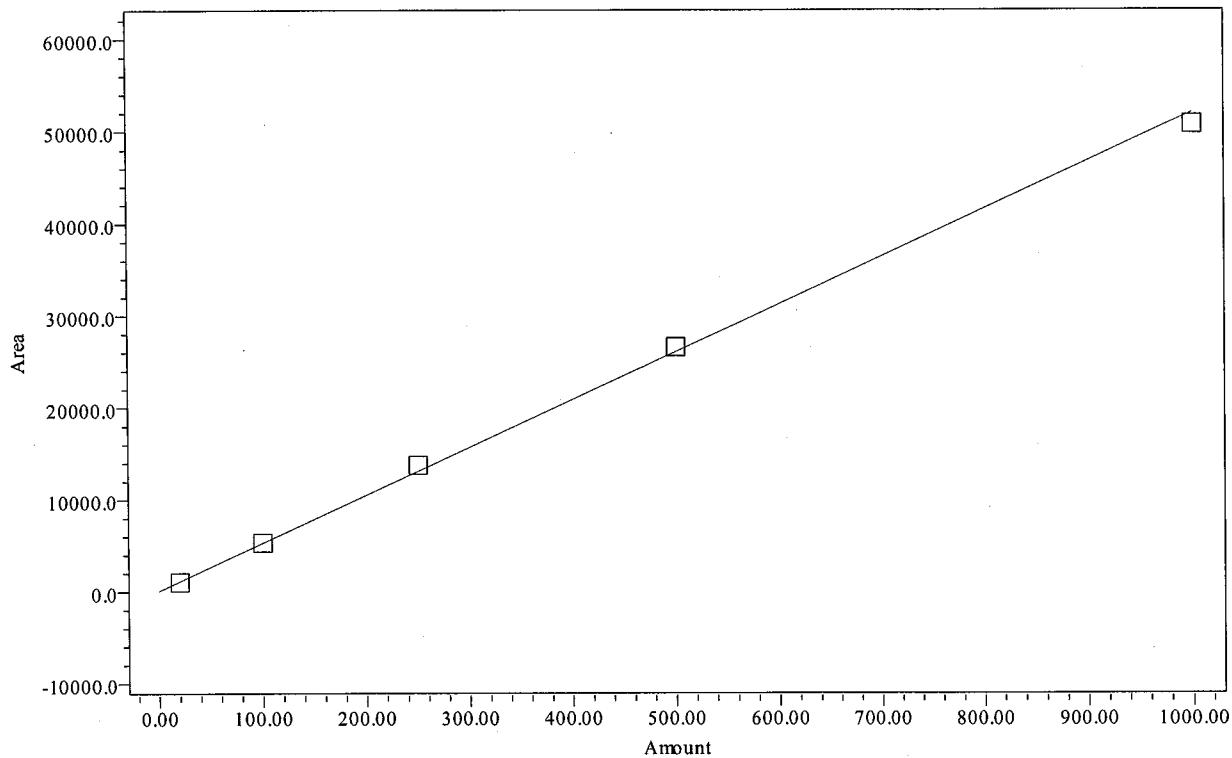
|           | Sample Name | TCMX     | DCBP     |
|-----------|-------------|----------|----------|
| 1         | 120154A     | 248.1788 | 219.0560 |
| 2         | 120154B     | 246.5039 | 225.3667 |
| 3         | 120154C     | 234.8761 | 210.7184 |
| 4         | 120154D     | 229.1173 | 209.0124 |
| 5         | 120154E     | 223.0923 | 204.4929 |
| Mean      |             | 236.354  | 213.729  |
| Std. Dev. |             | 10.877   | 8.373    |
| % RSD     |             | 4.60     | 3.92     |



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Name: A1254  
System Name: Instrument\_20\_Ch01  
Date Calibrated: 12/02/2008 11:53:00 EST  
Processing Method: GC20F\_8082CC\_120108  
Fit Type: Linear (1st Order)  
Method Report: CCurve\_Rpt  
Coefficient constant A: 90.166304  
Coefficient first Order B: 51.897509  
Coefficient first Order C: 0.000000  
Coefficient first Order D: 0.000000  
Correlation coefficient R: 0.999475  
Coefficient of determination R^2: 0.998951

Calibration Curve



Point Table  
Peak: A1254

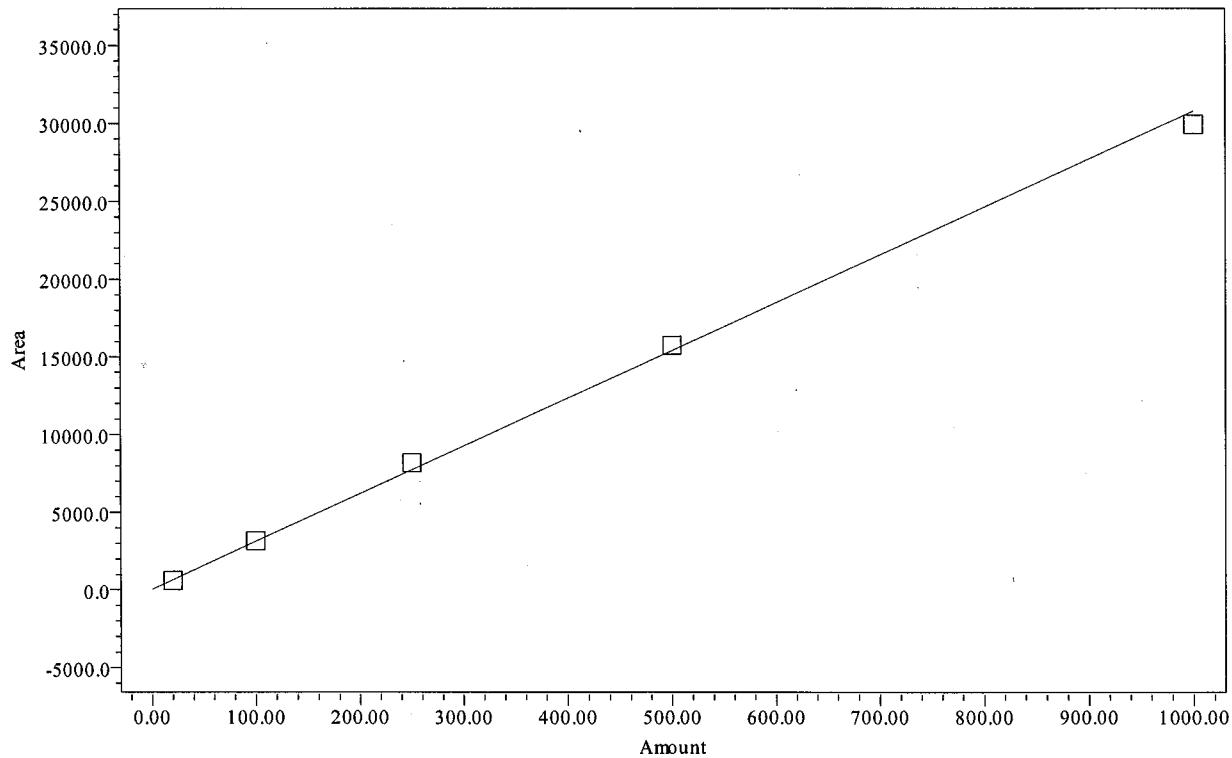
|   | Name  | Amount PPB | Response | Calc. Value | % Deviation | Manual | Ignore |
|---|-------|------------|----------|-------------|-------------|--------|--------|
| 1 | A1254 | 20.00      | 1069     | 18.9        | -5.707      | No     | No     |
| 2 | A1254 | 100.00     | 5309     | 100.6       | 0.552       | No     | No     |
| 3 | A1254 | 250.00     | 13761    | 263.4       | 5.368       | No     | No     |
| 4 | A1254 | 500.00     | 26594    | 510.7       | 2.141       | No     | No     |
| 5 | A1254 | 1000.00    | 50766    | 976.5       | -2.354      | No     | No     |



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|                    |                         |                                   |           |
|--------------------|-------------------------|-----------------------------------|-----------|
| Name:              | A1254-17/18             | Coefficient constant A:           | 31.095744 |
| System Name:       | Instrument_20_Ch01      | Coefficient first Order B:        | 30.722446 |
| Date Calibrated:   | 12/02/2008 11:53:00 EST | Coefficient first Order C:        | 0.000000  |
| Processing Method: | GC20F_8082CC_120108     | Coefficient first Order D:        | 0.000000  |
| Fit Type:          | Linear (1st Order)      | Correlation coefficient R:        | 0.999328  |
| Method Report:     | CCurve_Rpt              | Coefficient of determination R^2: | 0.998656  |

Calibration Curve



Point Table  
Peak: A1254-17/18

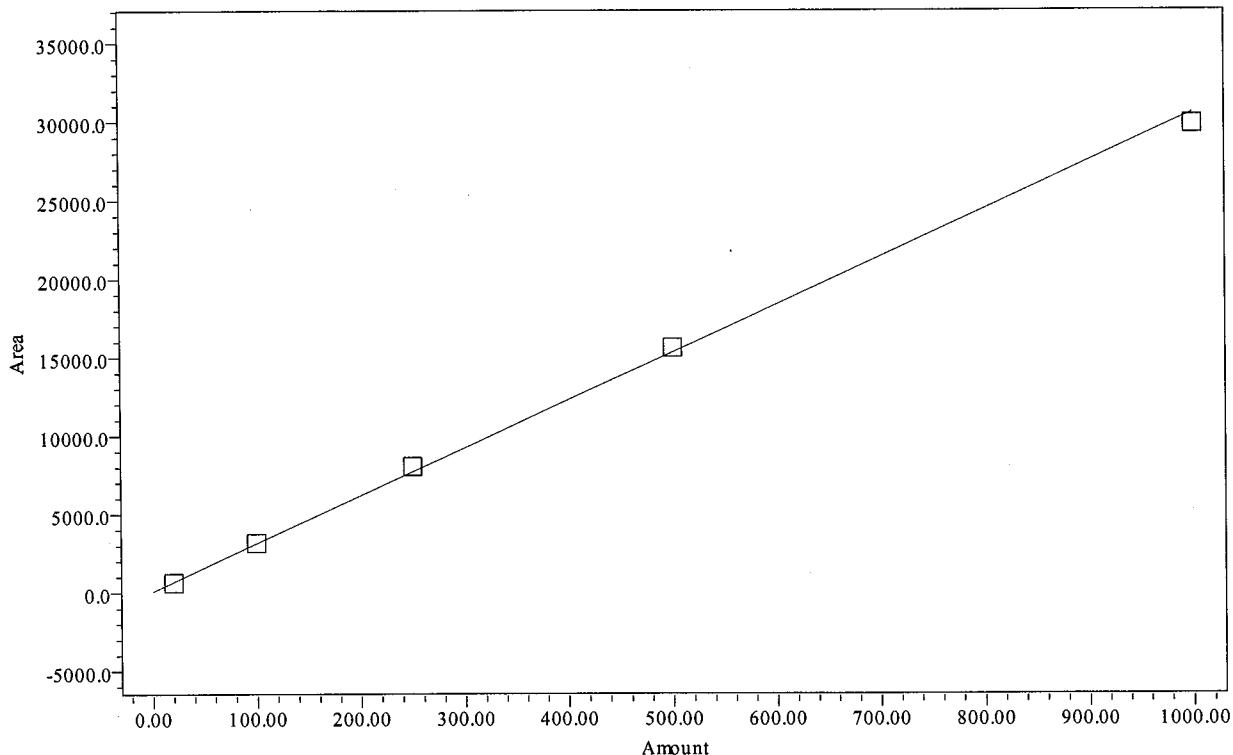
|   | Name        | Amount PPB | Response | Calc. Value | % Deviation | Manual | Ignore |
|---|-------------|------------|----------|-------------|-------------|--------|--------|
| 1 | A1254-17/18 | 20.00      | 600      | 18.5        | -7.408      | No     | No     |
| 2 | A1254-17/18 | 100.00     | 3159     | 101.8       | 1.826       | No     | No     |
| 3 | A1254-17/18 | 250.00     | 8168     | 264.8       | 5.936       | No     | No     |
| 4 | A1254-17/18 | 500.00     | 15750    | 511.6       | 2.328       | No     | No     |
| 5 | A1254-17/18 | 1000.00    | 29929    | 973.2       | -2.683      | No     | No     |



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Name: A1254-19/20  
System Name: Instrument\_20\_Ch01  
Date Calibrated: 12/02/2008 11:53:00 EST  
Processing Method: GC20F\_8082CC\_120108  
Fit Type: Linear (1st Order)  
Method Report: CCurve\_Rpt  
Coefficient constant A: 81.565720  
Coefficient first Order B: 30.442990  
Coefficient first Order C: 0.000000  
Coefficient first Order D: 0.000000  
Correlation coefficient R: 0.999517  
Coefficient of determination R^2: 0.999033

Calibration Curve



Point Table  
Peak: A1254-19/20

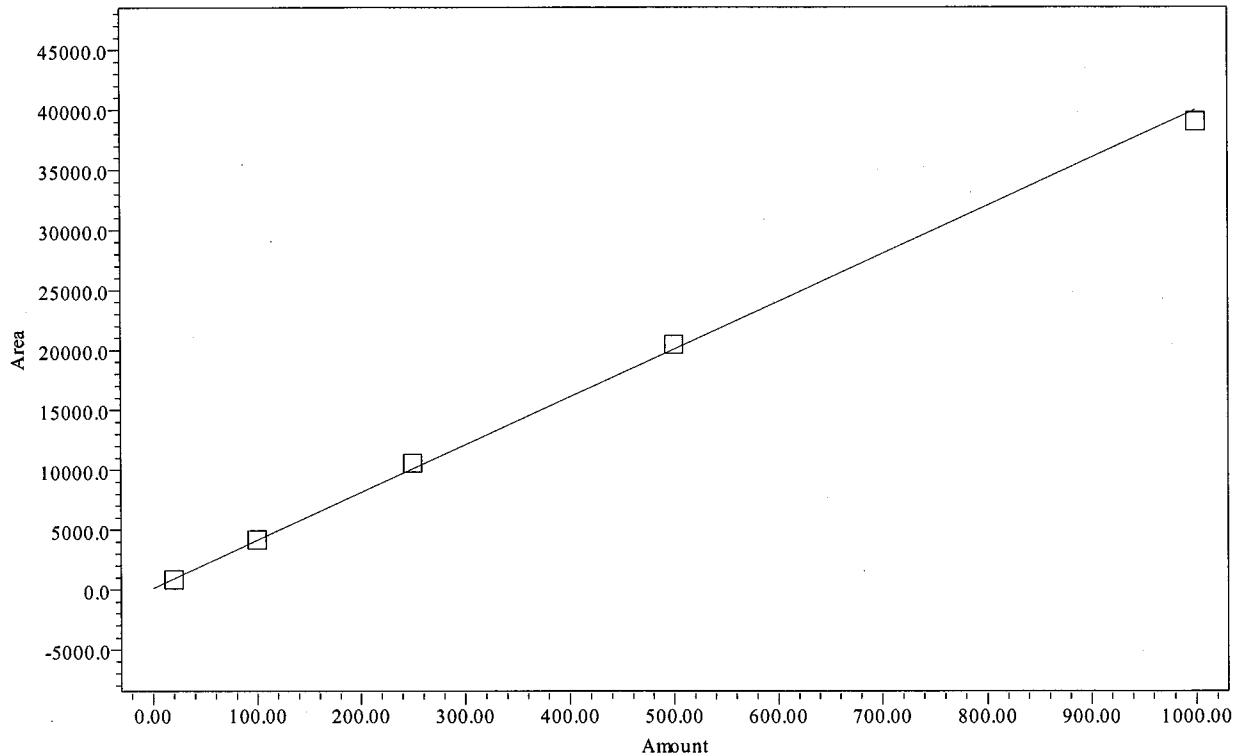
|   | Name        | Amount PPB | Response | Calc. Value | % Deviation | Manual | Ignore |
|---|-------------|------------|----------|-------------|-------------|--------|--------|
| 1 | A1254-19/20 | 20.00      | 652      | 18.7        | -6.328      | No     | No     |
| 2 | A1254-19/20 | 100.00     | 3176     | 101.6       | 1.647       | No     | No     |
| 3 | A1254-19/20 | 250.00     | 8068     | 262.3       | 4.933       | No     | No     |
| 4 | A1254-19/20 | 500.00     | 15613    | 510.2       | 2.039       | No     | No     |
| 5 | A1254-19/20 | 1000.00    | 29827    | 977.1       | -2.291      | No     | No     |



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Name: A1254-20  
System Name: Instrument\_20\_Ch01  
Date Calibrated: 12/02/2008 11:53:00 EST  
Processing Method: GC20F\_8082CC\_120108  
Fit Type: Linear (1st Order)  
Method Report: CCurve\_Rpt  
Coefficient constant A: 109.103513  
Coefficient first Order B: 39.843600  
Coefficient first Order C: 0.000000  
Coefficient first Order D: 0.000000  
Correlation coefficient R: 0.999475  
Coefficient of determination R^2: 0.998950

Calibration Curve



Point Table  
Peak: A1254-20

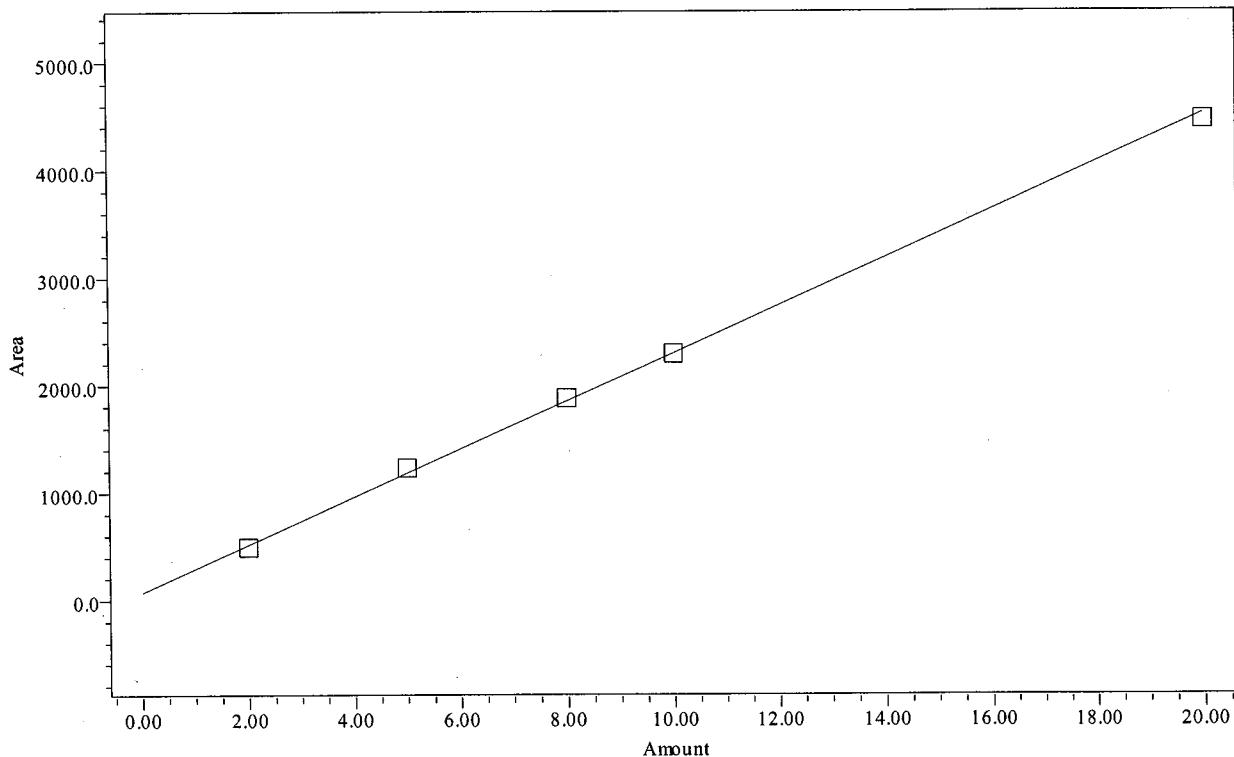
|   | Name     | Amount PPB | Response | Calc. Value | % Deviation | Manual | Ignore |
|---|----------|------------|----------|-------------|-------------|--------|--------|
| 1 | A1254-20 | 20.00      | 852      | 18.6        | -6.803      | No     | No     |
| 2 | A1254-20 | 100.00     | 4175     | 102.0       | 2.034       | No     | No     |
| 3 | A1254-20 | 250.00     | 10568    | 262.5       | 4.998       | No     | No     |
| 4 | A1254-20 | 500.00     | 20464    | 510.9       | 2.176       | No     | No     |
| 5 | A1254-20 | 1000.00    | 38995    | 976.0       | -2.405      | No     | No     |



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Name: TCMX  
System Name: Instrument\_20\_Ch01  
Date Calibrated: 12/02/2008 11:53:00 EST  
Processing Method: GC20F\_8082CC\_120108  
Fit Type: Linear (1st Order)  
Method Report: CCurve\_Rpt  
Coefficient constant A: 72.850679  
Coefficient first Order B: 222.147808  
Coefficient first Order C: 0.000000  
Coefficient first Order D: 0.000000  
Correlation coefficient R: 0.999505  
Coefficient of determination R^2: 0.999010

Calibration Curve



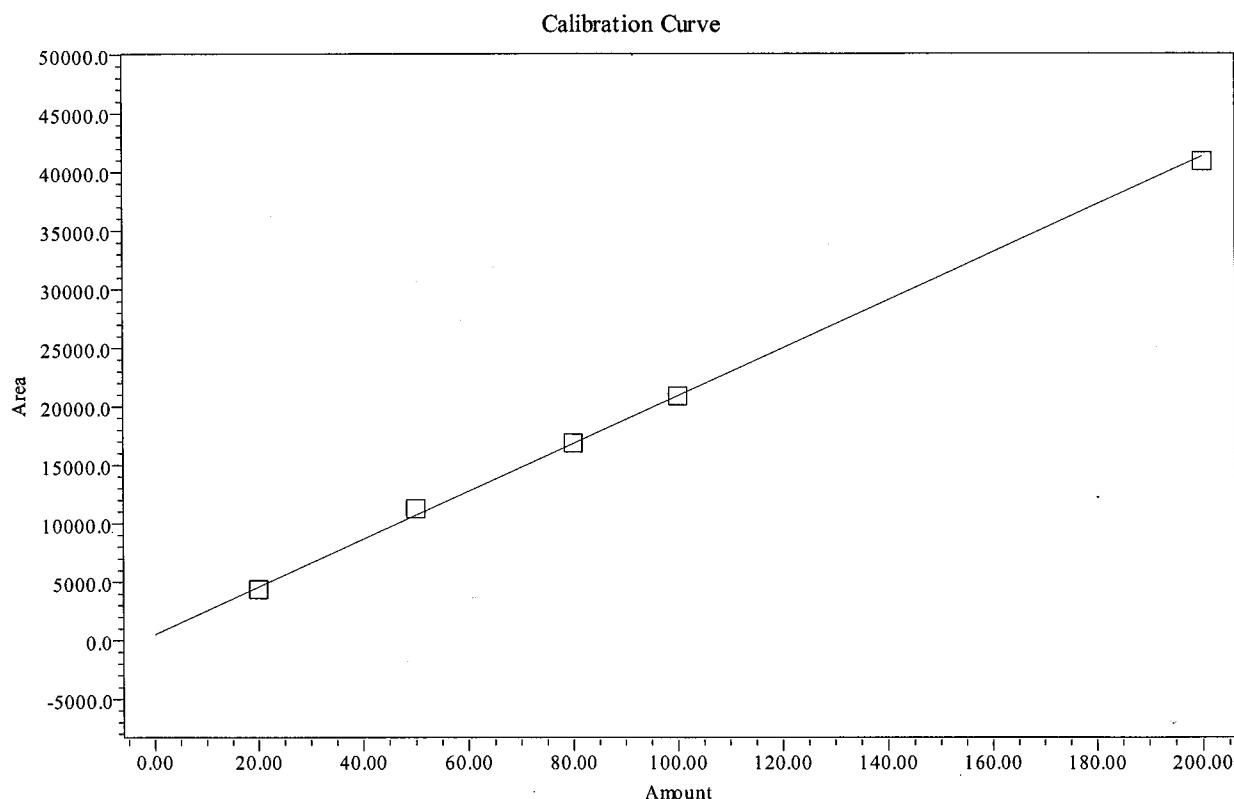
Point Table  
Peak: TCMX

|   | Name | Amount PPB | Response | Calc. Value | % Deviation | Manual | Ignore |
|---|------|------------|----------|-------------|-------------|--------|--------|
| 1 | TCMX | 2.00       | 496      | 1.9         | -4.679      | No     | No     |
| 2 | TCMX | 5.00       | 1233     | 5.2         | 4.405       | No     | No     |
| 3 | TCMX | 8.00       | 1879     | 8.1         | 1.630       | No     | No     |
| 4 | TCMX | 10.00      | 2291     | 10.0        | -0.142      | No     | No     |
| 5 | TCMX | 20.00      | 4462     | 19.8        | -1.215      | No     | No     |



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Name: DCBP  
System Name: Instrument\_20\_Ch01  
Date Calibrated: 12/02/2008 11:53:00 EST  
Processing Method: GC20F\_8082CC\_120108  
Fit Type: Linear (1st Order)  
Method Report: CCurve\_Rpt  
Coefficient constant A: 495.742085  
Coefficient first Order B: 204.062320  
Coefficient first Order C: 0.000000  
Coefficient first Order D: 0.000000  
Correlation coefficient R: 0.999426  
Coefficient of determination R^2: 0.998853



Point Table  
Peak: DCBP

|   | Name | Amount PPB | Response | Calc. Value | % Deviation | Manual | Ignore |
|---|------|------------|----------|-------------|-------------|--------|--------|
| 1 | DCBP | 20.00      | 4381     | 19.0        | -4.799      | No     | No     |
| 2 | DCBP | 50.00      | 11268    | 52.8        | 5.581       | No     | No     |
| 3 | DCBP | 80.00      | 16857    | 80.2        | 0.225       | No     | No     |
| 4 | DCBP | 100.00     | 20901    | 100.0       | -0.004      | No     | No     |
| 5 | DCBP | 200.00     | 40899    | 198.0       | -1.004      | No     | No     |



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Sample Name: 120154A  
Sample ID: A1254 20 PPB  
Date Acquired: 12/02/2008 02:23:28 EST  
Project Name: PCB\GC20F\_Sep\_2008  
Sample Set Name: GC20F\_8082CC\_120108  
Processing Method: GC20F\_8082CC\_120108  
Run Time: 30.0 Minutes  
Report Name: CalStd\_rpt\_plt\_1254

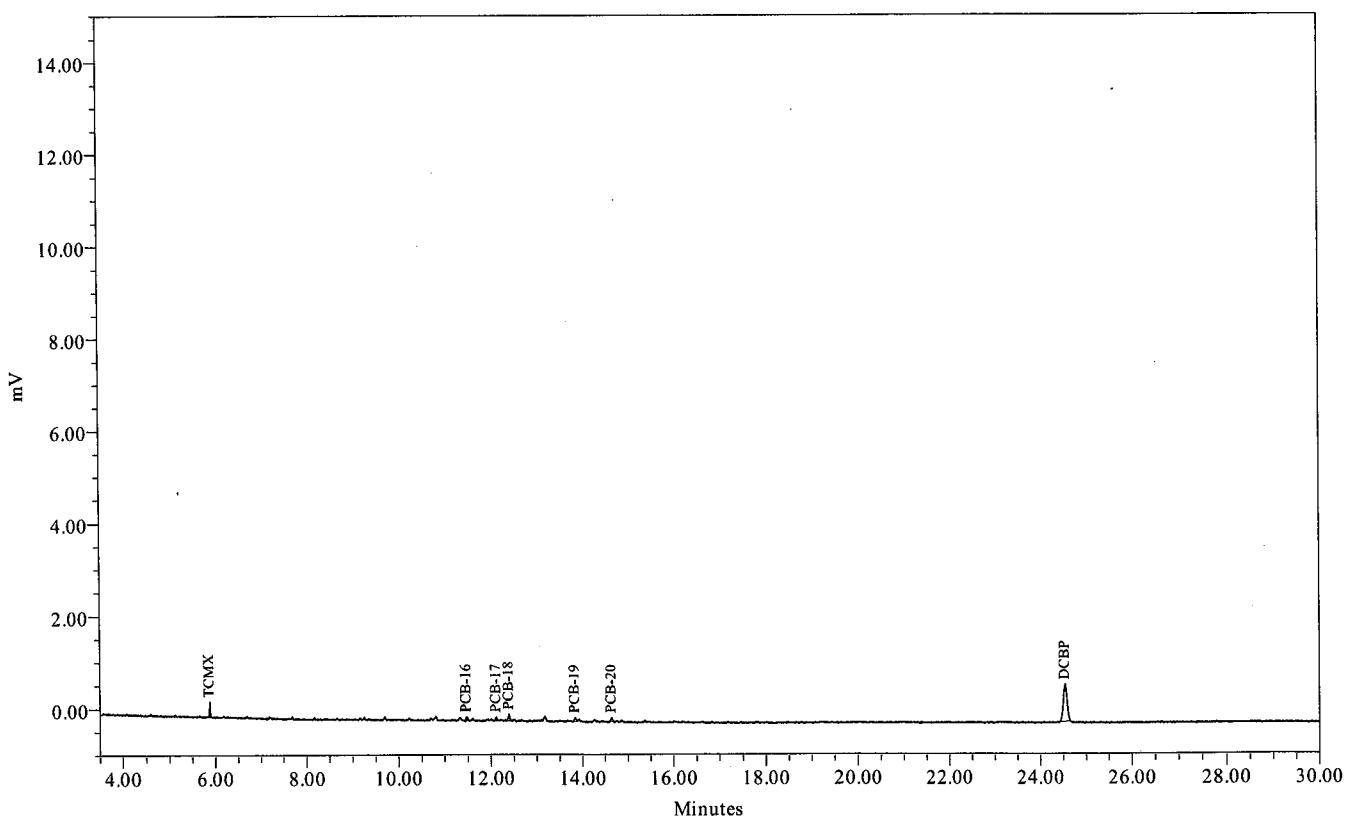
Sample Amount: 1  
Dilution: 1  
Extract Volume: 1  
Date Processed: 12/02/2008 09:38:08 EST  
User Name: Kari Lantegne (KariL)  
Current Date: 12/11/2008  
Current Time: 09:44:24 US/Eastern  
LIMS File ID: GC20F-308-28

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL |
|---|-----------|----------------|------------------|---------------|----------------------|
| 1 | TCMX      | 5.882          | bb               | 496           | 2.000                |
| 2 | PCB-16    | 11.475         | bb               | 183           |                      |
| 3 | PCB-17    | 12.121         | bb               | 166           |                      |
| 4 | PCB-18    | 12.395         | bb               | 303           |                      |
| 5 | PCB-19    | 13.841         | bb               | 200           |                      |
| 6 | PCB-20    | 14.644         | bb               | 217           |                      |
| 7 | DCBP      | 24.542         | bb               | 4381          | 20.000               |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|-------------|---------------------|----------------------|
| 1 | A1254       | 1069                | 20.000               |
| 2 | A1254-17/18 | 600                 | 20.000               |
| 3 | A1254-19/20 | 652                 | 20.000               |
| 4 | A1254-20    | 852                 | 20.000               |
| 5 | A1260       | 217                 |                      |
| 6 | A1260-23/24 | 217                 |                      |
| 7 | A1262       | 217                 |                      |





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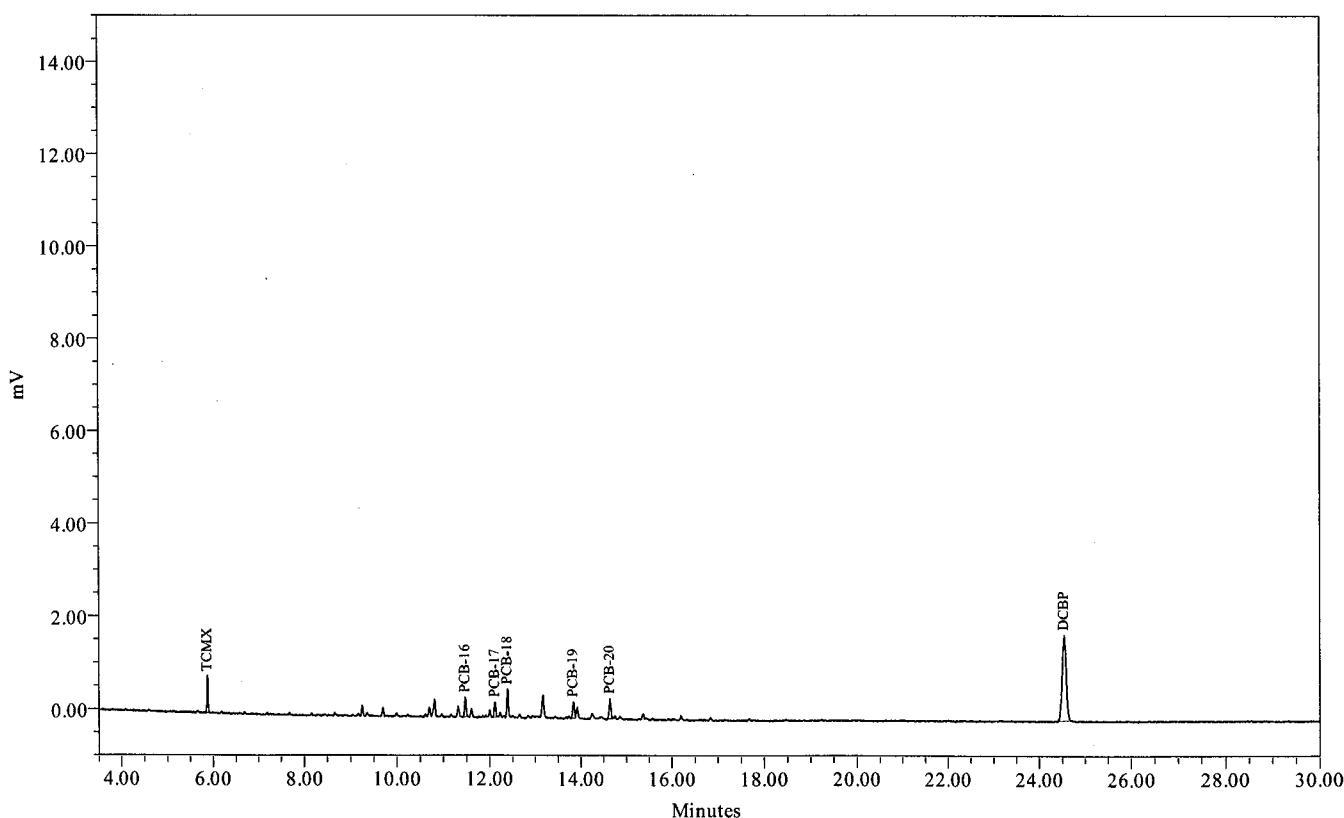
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120154B                 | Sample Amount:  | 1                       |
| Sample ID:         | A1254 100 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/02/2008 02:56:05 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 09:33:38 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:44:49 US/Eastern     |
| Report Name:       | CalStd_rpt_plt_1254     | LIMS File ID:   | GC20F-308-29            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL |
|---|-----------|----------------|------------------|---------------|----------------------|
| 1 | TCMX      | 5.880          | bb               | 1233          | 5.000                |
| 2 | PCB-16    | 11.478         | bb               | 1027          |                      |
| 3 | PCB-17    | 12.119         | bb               | 741           |                      |
| 4 | PCB-18    | 12.394         | bb               | 1409          |                      |
| 5 | PCB-19    | 13.841         | bV               | 998           |                      |
| 6 | PCB-20    | 14.644         | bb               | 1134          |                      |
| 7 | DCBP      | 24.547         | bb               | 11268         | 50.000               |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|-------------|---------------------|----------------------|
| 1 | A1254       | 5309                | 100.000              |
| 2 | A1254-17/18 | 3159                | 100.000              |
| 3 | A1254-19/20 | 3176                | 100.000              |
| 4 | A1254-20    | 4175                | 100.000              |
| 5 | A1260       | 1134                |                      |
| 6 | A1260-23/24 | 1134                |                      |
| 7 | A1262       | 1134                |                      |





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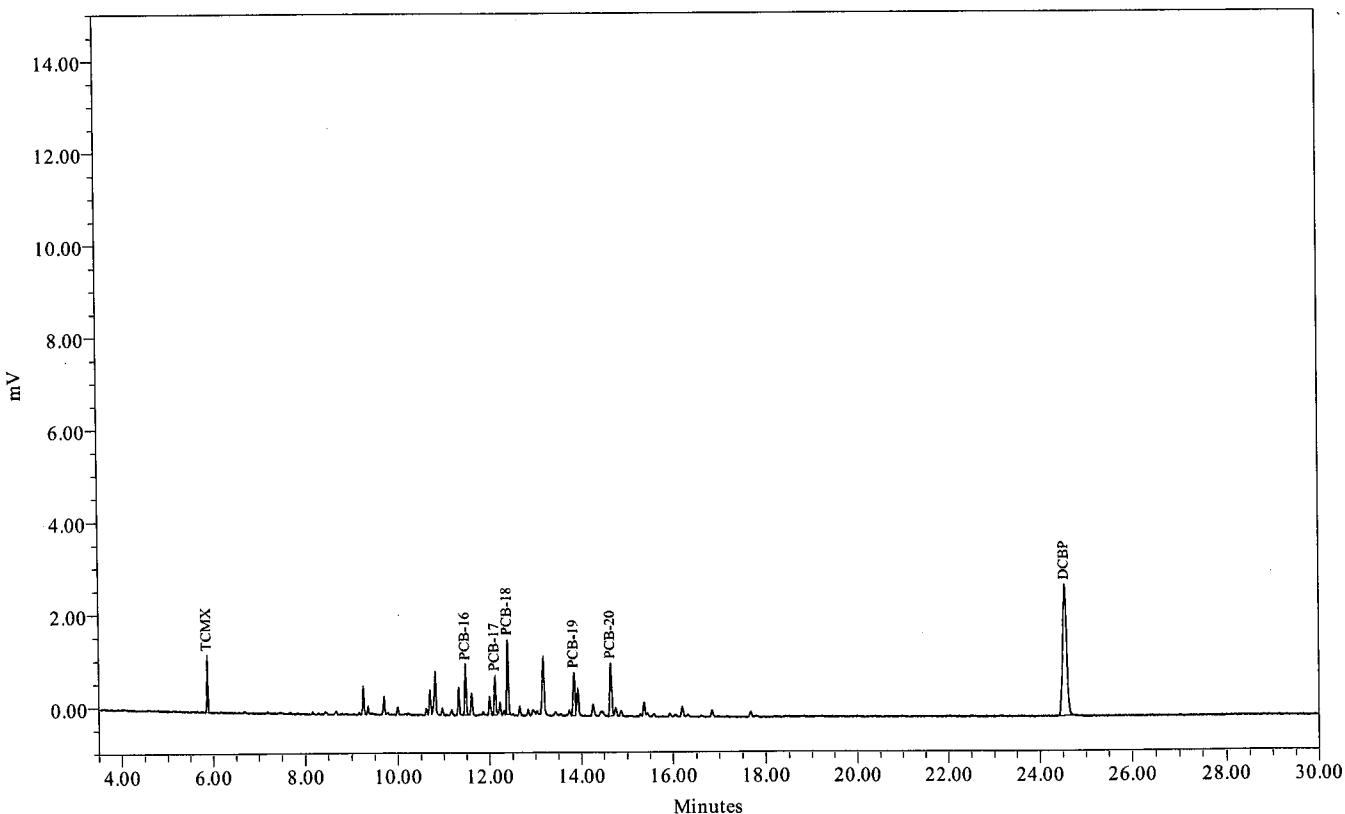
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120154C                 | Sample Amount:  | 1                       |
| Sample ID:         | A1254 250 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/02/2008 03:28:40 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 09:34:08 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:44:51 US/Eastern     |
| Report Name:       | CalStd_rpt_plt_1254     | LIMS File ID:   | GC20F-308-30            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL |
|---|-----------|----------------|------------------|---------------|----------------------|
| 1 | TCMX      | 5.883          | bb               | 1879          | 8.000                |
| 2 | PCB-16    | 11.481         | bb               | 2474          |                      |
| 3 | PCB-17    | 12.123         | bV               | 1989          |                      |
| 4 | PCB-18    | 12.397         | Bb               | 3604          |                      |
| 5 | PCB-19    | 13.847         | bV               | 2500          |                      |
| 6 | PCB-20    | 14.648         | bV               | 3193          |                      |
| 7 | DCBP      | 24.547         | bb               | 16857         | 80.000               |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|-------------|---------------------|----------------------|
| 1 | A1254       | 13761               | 250.000              |
| 2 | A1254-17/18 | 8168                | 250.000              |
| 3 | A1254-19/20 | 8068                | 250.000              |
| 4 | A1254-20    | 10568               | 250.000              |
| 5 | A1260       | 3193                |                      |
| 6 | A1260-23/24 | 3193                |                      |
| 7 | A1262       | 3193                |                      |





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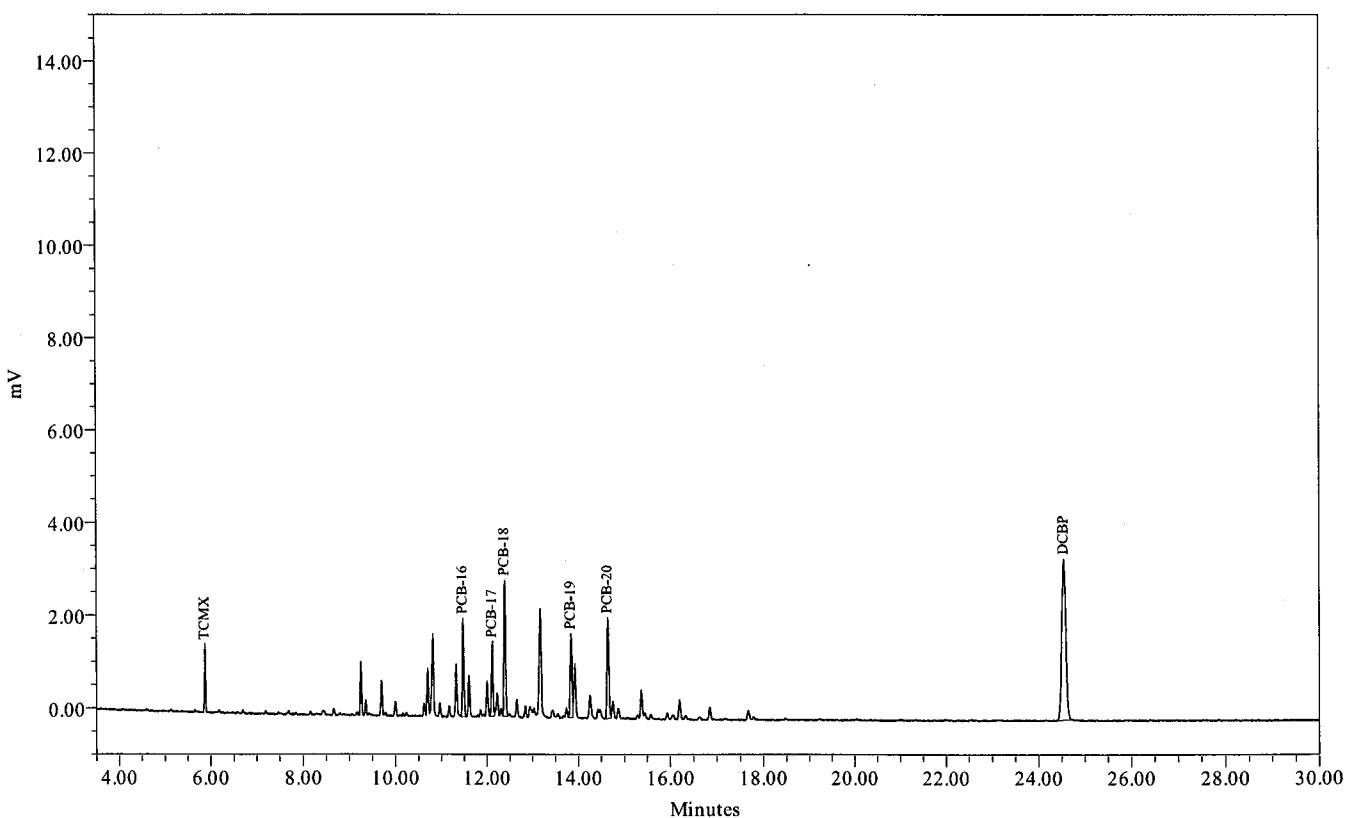
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120154D                 | Sample Amount:  | 1                       |
| Sample ID:         | A1254 500 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/02/2008 04:01:17 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 09:34:43 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:45:08 US/Eastern     |
| Report Name:       | CalStd_rpt_plt_1254     | LIMS File ID:   | GC20F-308-31            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL |
|---|-----------|----------------|------------------|---------------|----------------------|
| 1 | TCMX      | 5.883          | bb               | 2291          | 10.000               |
| 2 | PCB-16    | 11.480         | Vb               | 4769          |                      |
| 3 | PCB-17    | 12.122         | bV               | 3756          |                      |
| 4 | PCB-18    | 12.396         | Vv               | 7088          |                      |
| 5 | PCB-19    | 13.844         | bV               | 4851          |                      |
| 6 | PCB-20    | 14.645         | bV               | 6130          |                      |
| 7 | DCBP      | 24.545         | bb               | 20901         | 100.000              |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|-------------|---------------------|----------------------|
| 1 | A1254       | 26594               | 500.000              |
| 2 | A1254-17/18 | 15750               | 500.000              |
| 3 | A1254-19/20 | 15613               | 500.000              |
| 4 | A1254-20    | 20464               | 500.000              |
| 5 | A1260       | 6130                |                      |
| 6 | A1260-23/24 | 6130                |                      |
| 7 | A1262       | 6130                |                      |





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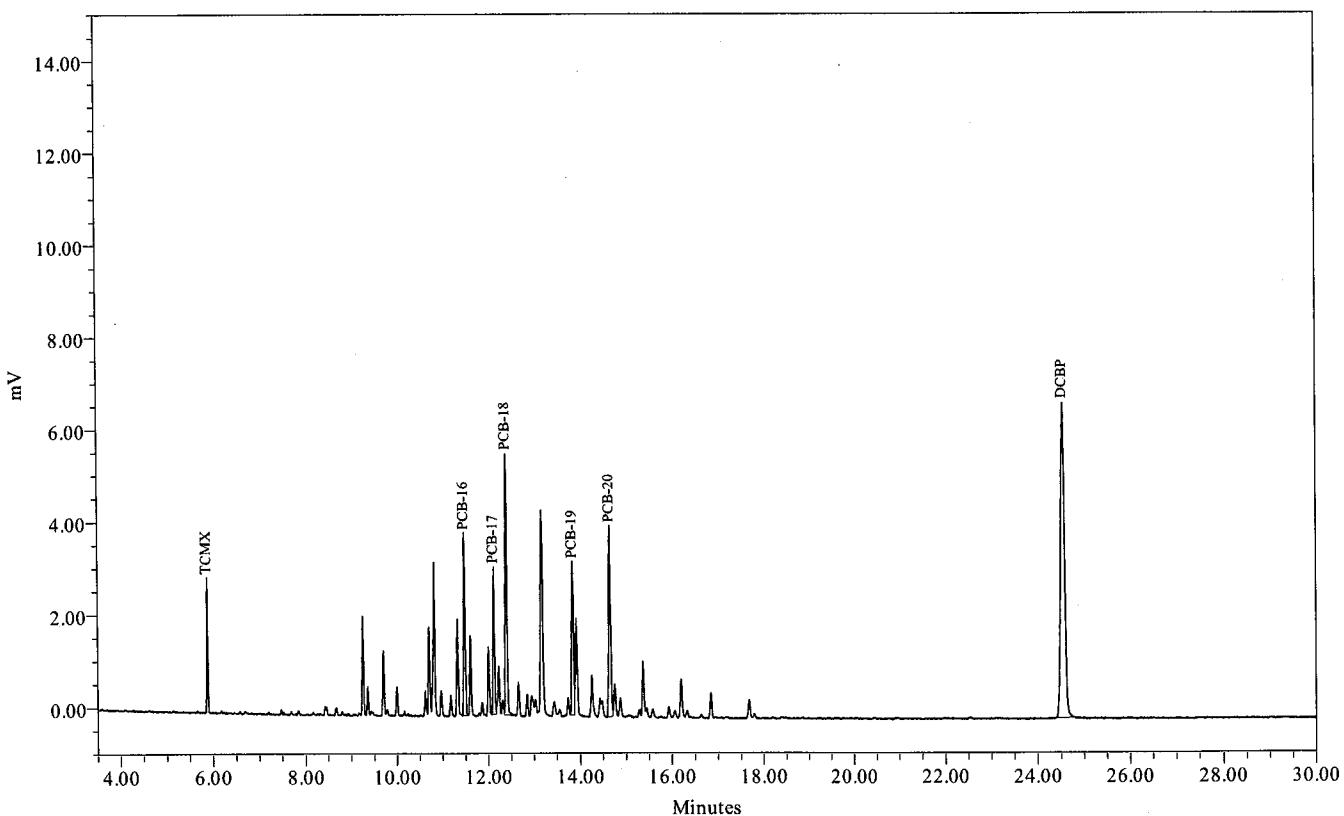
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120154E                 | Sample Amount:  | 1                       |
| Sample ID:         | A1254 1000 PPB          | Dilution:       | 1                       |
| Date Acquired:     | 12/02/2008 04:33:53 EST | Extract Volume: | 1                       |
| Project Name:      | PCBGC20F_Sep_2008       | Date Processed: | 12/02/2008 09:35:38 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:45:16 US/Eastern     |
| Report Name:       | CalStd_rpt_plt_1254     | LIMS File ID:   | GC20F-308-32            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL |
|---|-----------|----------------|------------------|---------------|----------------------|
| 1 | TCMX      | 5.884          | bb               | 4462          | 20.000               |
| 2 | PCB-16    | 11.482         | bV               | 8990          |                      |
| 3 | PCB-17    | 12.124         | bV               | 7239          |                      |
| 4 | PCB-18    | 12.397         | Vb               | 13598         |                      |
| 5 | PCB-19    | 13.845         | bV               | 9167          |                      |
| 6 | PCB-20    | 14.649         | bV               | 11772         |                      |
| 7 | DCBP      | 24.550         | bb               | 40899         | 200.000              |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|-------------|---------------------|----------------------|
| 1 | A1254       | 50766               | 1000.000             |
| 2 | A1254-17/18 | 29929               | 1000.000             |
| 3 | A1254-19/20 | 29827               | 1000.000             |
| 4 | A1254-20    | 38995               | 1000.000             |
| 5 | A1260       | 11772               |                      |
| 6 | A1260-23/24 | 11772               |                      |
| 7 | A1262       | 11772               |                      |





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System Name: Instrument\_20\_Ch01 Date Calibrated: 12/02/2008 11:53:00 EST  
Sample Set Name: GC20F\_8082CC\_120108 Method Report: CCSum by RF 02  
Sample Set Date: 12/01/2008 11:34:19 EST User Name: Kari Lantiegne (KariL)  
Processing Method: GC20F\_8082CC\_120108

**Calibration Component Summary Table**  
**Component Summary For RF**

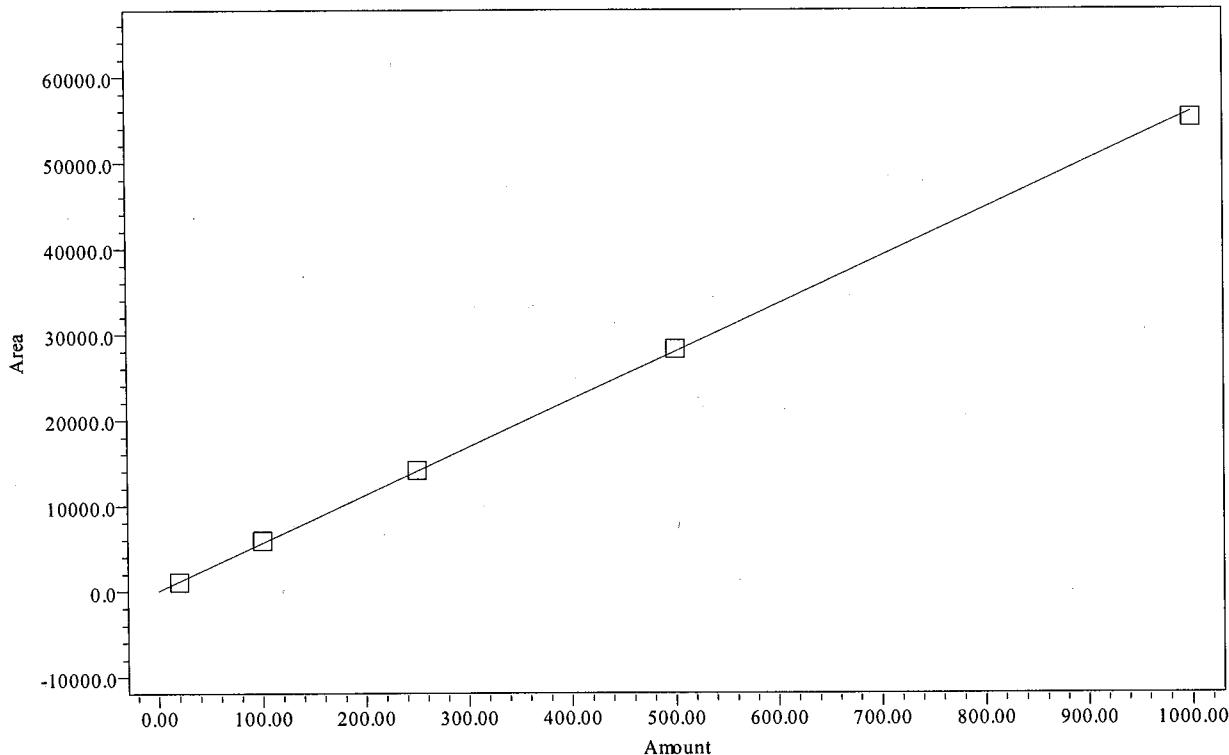
|           | Sample Name | A1260   | A1260-20 | A1260-23/24 |
|-----------|-------------|---------|----------|-------------|
| 1         | 120160A     | 54.6497 | 37.6992  | 45.4715     |
| 2         | 120160B     | 59.1332 | 41.3118  | 50.7937     |
| 3         | 120160C     | 56.4915 | 40.1811  | 47.1720     |
| 4         | 120160D     | 56.4082 | 40.2571  | 46.8807     |
| 5         | 120160E     | 55.0999 | 39.2269  | 45.3724     |
| Mean      |             | 56.356  | 39.735   | 47.138      |
| Std. Dev. |             | 1.748   | 1.357    | 2.198       |
| % RSD     |             | 3.10    | 3.41     | 4.66        |



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|                    |                         |                                   |           |
|--------------------|-------------------------|-----------------------------------|-----------|
| Name:              | A1260                   | Coefficient constant A:           | 47.535586 |
| System Name:       | Instrument_20_Ch01      | Coefficient first Order B:        | 55.719497 |
| Date Calibrated:   | 12/02/2008 11:53:00 EST | Coefficient first Order C:        | 0.000000  |
| Processing Method: | GC20F_8082CC_120108     | Coefficient first Order D:        | 0.000000  |
| Fit Type:          | Linear (1st Order)      | Correlation coefficient R:        | 0.999806  |
| Method Report:     | CCurve_Rpt              | Coefficient of determination R^2: | 0.999611  |

Calibration Curve



Point Table  
Peak: A1260

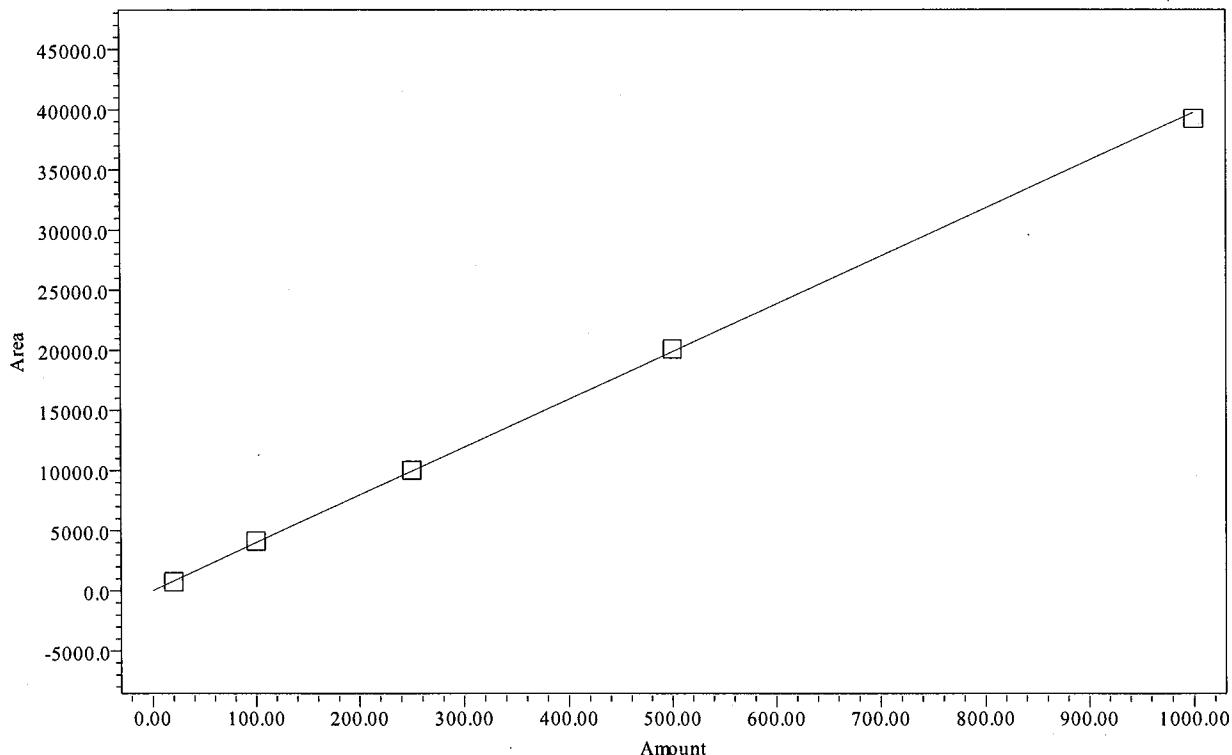
|   | Name  | Amount PPB | Response | Calc. Value | % Deviation | Manual | Ignore |
|---|-------|------------|----------|-------------|-------------|--------|--------|
| 1 | A1260 | 20.00      | 1093     | 18.8        | -6.186      | No     | No     |
| 2 | A1260 | 100.00     | 5913     | 105.3       | 5.273       | No     | No     |
| 3 | A1260 | 250.00     | 14123    | 252.6       | 1.044       | No     | No     |
| 4 | A1260 | 500.00     | 28204    | 505.3       | 1.065       | No     | No     |
| 5 | A1260 | 1000.00    | 55100    | 988.0       | -1.197      | No     | No     |



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Name: A1260-20  
System Name: Instrument\_20\_Ch01  
Date Calibrated: 12/02/2008 11:53:00 EST  
Processing Method: GC20F\_8082CC\_120108  
Fit Type: Linear (1st Order)  
Method Report: CCurve\_Rpt  
Coefficient constant A: 0.946132  
Coefficient first Order B: 39.722543  
Coefficient first Order C: 0.000000  
Coefficient first Order D: 0.000000  
Correlation coefficient R: 0.999836  
Coefficient of determination R^2: 0.999672

Calibration Curve



Point Table  
Peak: A1260-20

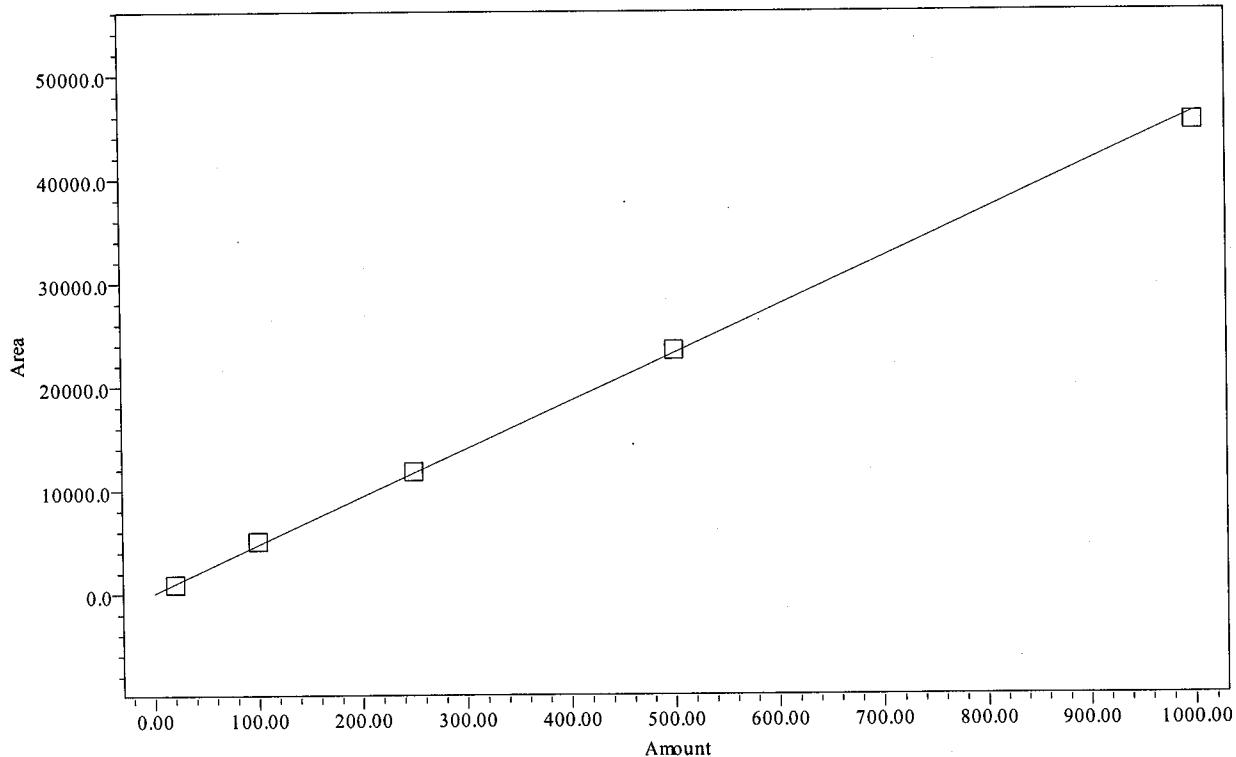
|   | Name     | Amount PPB | Response | Calc. Value | % Deviation | Manual | Ignore |
|---|----------|------------|----------|-------------|-------------|--------|--------|
| 1 | A1260-20 | 20.00      | 754      | 19.0        | -5.213      | No     | No     |
| 2 | A1260-20 | 100.00     | 4131     | 104.0       | 3.977       | No     | No     |
| 3 | A1260-20 | 250.00     | 10045    | 252.9       | 1.145       | No     | No     |
| 4 | A1260-20 | 500.00     | 20129    | 506.7       | 1.341       | No     | No     |
| 5 | A1260-20 | 1000.00    | 39227    | 987.5       | -1.250      | No     | No     |



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Name: A1260-23/24  
System Name: Instrument\_20\_Ch01  
Date Calibrated: 12/02/2008 11:53:00 EST  
Processing Method: GC20F\_8082CC\_120108  
Fit Type: Linear (1st Order)  
Method Report: CCurve\_Rpt  
Coefficient constant A: 77.456046  
Coefficient first Order B: 46.100156  
Coefficient first Order C: 0.000000  
Coefficient first Order D: 0.000000  
Correlation coefficient R: 0.999540  
Coefficient of determination R^2: 0.999080

Calibration Curve



Point Table  
Peak: A1260-23/24

|   | Name        | Amount PPB | Response | Calc. Value | % Deviation | Manual | Ignore |
|---|-------------|------------|----------|-------------|-------------|--------|--------|
| 1 | A1260-23/24 | 20.00      | 909      | 18.0        | -9.765      | No     | No     |
| 2 | A1260-23/24 | 100.00     | 5079     | 108.5       | 8.501       | No     | No     |
| 3 | A1260-23/24 | 250.00     | 11793    | 254.1       | 1.653       | No     | No     |
| 4 | A1260-23/24 | 500.00     | 23440    | 506.8       | 1.357       | No     | No     |
| 5 | A1260-23/24 | 1000.00    | 45372    | 982.5       | -1.747      | No     | No     |



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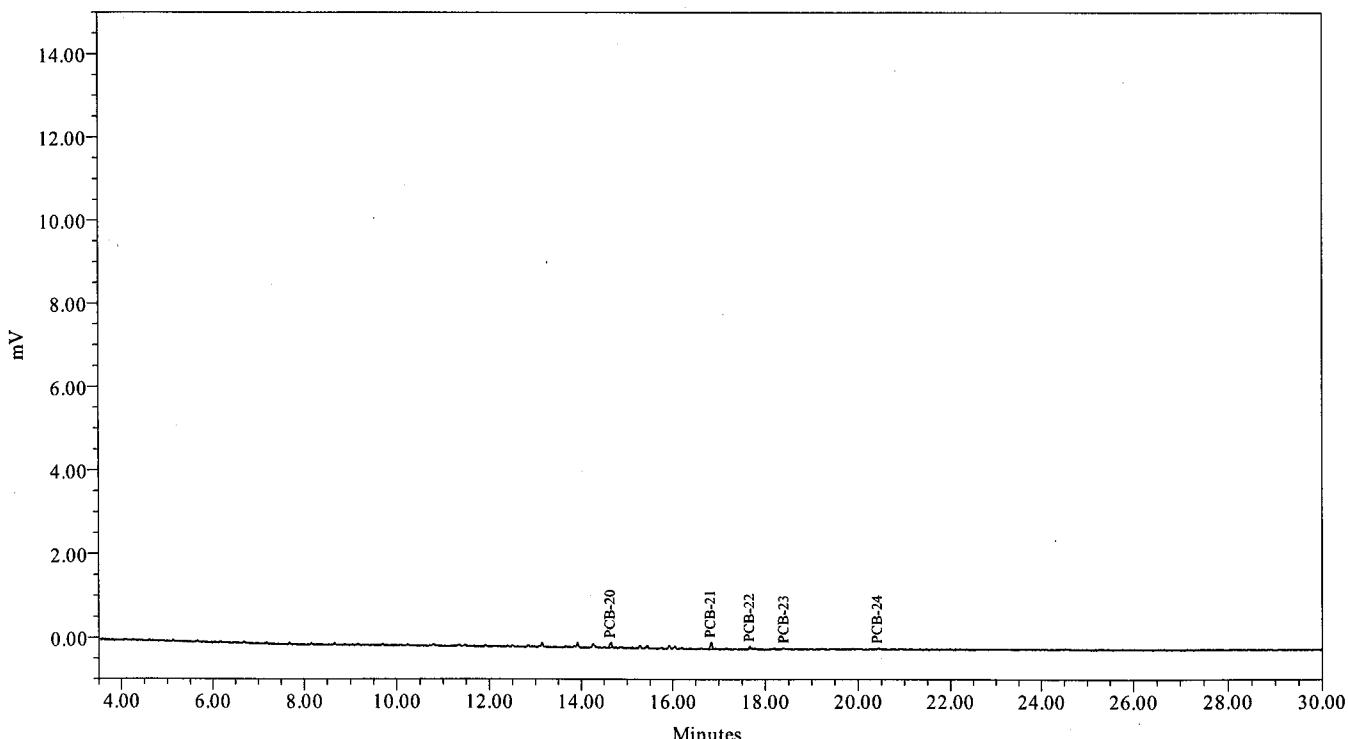
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120160A                 | Sample Amount:  | 1                       |
| Sample ID:         | A1260 20 PPB            | Dilution:       | 1                       |
| Date Acquired:     | 12/02/2008 05:06:29 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:50:23 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:42:41 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-33            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-20    | 14.647         | bb               | 339           |
| 2 | PCB-21    | 16.839         | bb               | 438           |
| 3 | PCB-22    | 17.682         | bb               | 132           |
| 4 | PCB-23    | 18.418         | bb               | 97            |
| 5 | PCB-24    | 20.431         | bb               | 86            |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|-------------|---------------------|----------------------|
| 1 | A1254       | 339                 |                      |
| 2 | A1254-17/18 | 339                 |                      |
| 3 | A1260       | 1093                | 20.000               |
| 4 | A1260-20    | 754                 | 20.000               |
| 5 | A1260-23/24 | 909                 | 20.000               |
| 6 | A1262       | 1093                |                      |
| 7 | A1268       | 184                 |                      |





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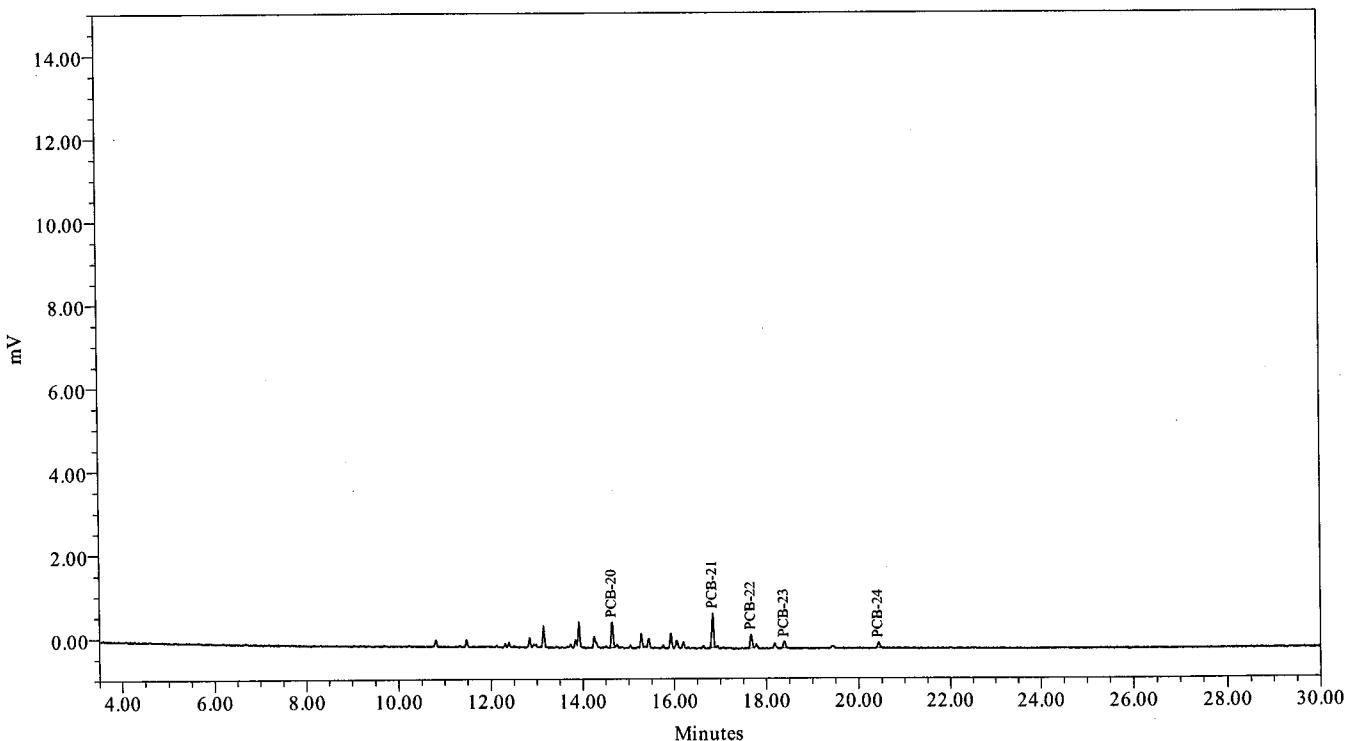
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120160B                 | Sample Amount:  | 1                       |
| Sample ID:         | A1260 100 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/02/2008 05:39:05 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:50:52 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:42:49 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-34            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-20    | 14.646         | bb               | 1782          |
| 2 | PCB-21    | 16.841         | bb               | 2231          |
| 3 | PCB-22    | 17.672         | bb               | 1066          |
| 4 | PCB-23    | 18.394         | bb               | 453           |
| 5 | PCB-24    | 20.430         | bb               | 381           |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|-------------|---------------------|----------------------|
| 1 | A1254       | 1782                |                      |
| 2 | A1254-17/18 | 1782                |                      |
| 3 | A1260       | 5913                | 100.000              |
| 4 | A1260-20    | 4131                | 100.000              |
| 5 | A1260-23/24 | 5079                | 100.000              |
| 6 | A1262       | 5913                |                      |
| 7 | A1268       | 834                 |                      |





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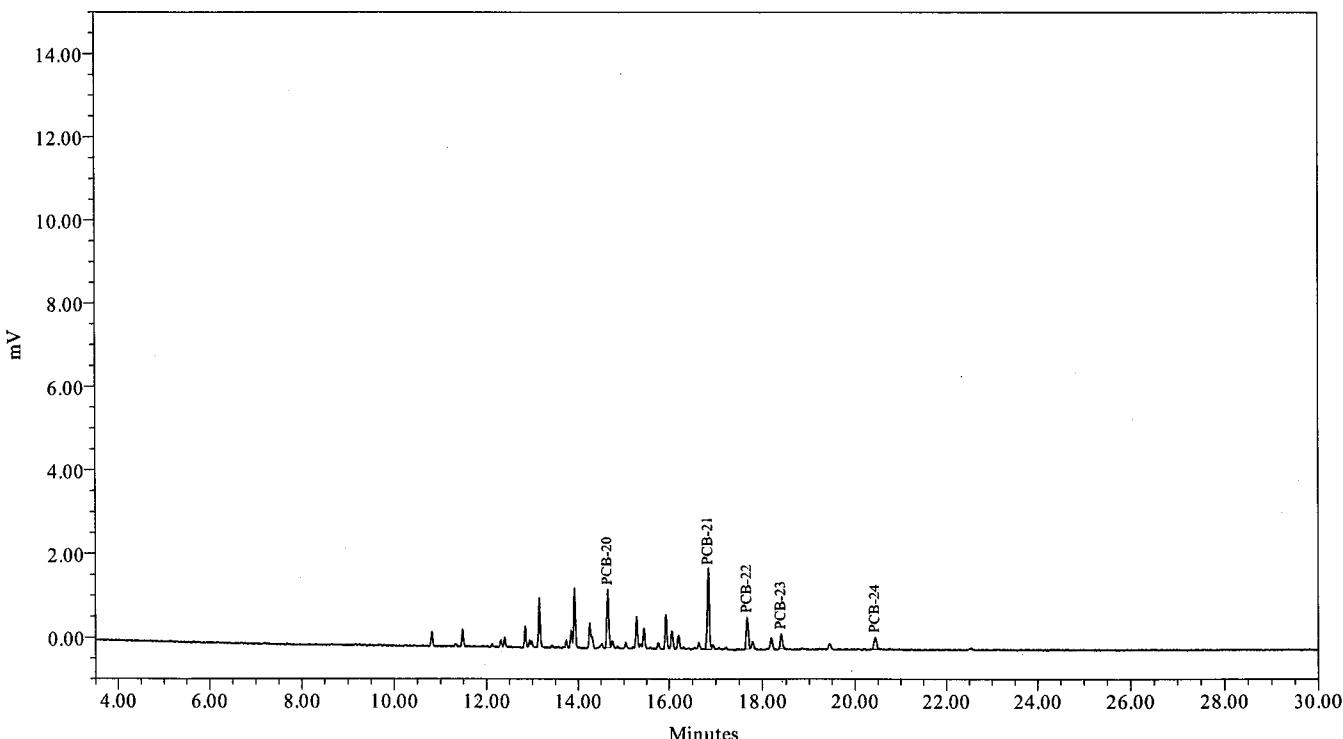
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120160C                 | Sample Amount:  | 1                       |
| Sample ID:         | A1260 250 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/02/2008 06:11:41 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:52:03 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:43:06 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-35            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-20    | 14.650         | bV               | 4078          |
| 2 | PCB-21    | 16.845         | bv               | 5313          |
| 3 | PCB-22    | 17.681         | bV               | 2402          |
| 4 | PCB-23    | 18.400         | bb               | 1197          |
| 5 | PCB-24    | 20.441         | bb               | 1133          |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|-------------|---------------------|----------------------|
| 1 | A1254       | 4078                |                      |
| 2 | A1254-17/18 | 4078                |                      |
| 3 | A1260       | 14123               | 250.000              |
| 4 | A1260-20    | 10045               | 250.000              |
| 5 | A1260-23/24 | 11793               | 250.000              |
| 6 | A1262       | 14123               |                      |
| 7 | A1268       | 2330                |                      |





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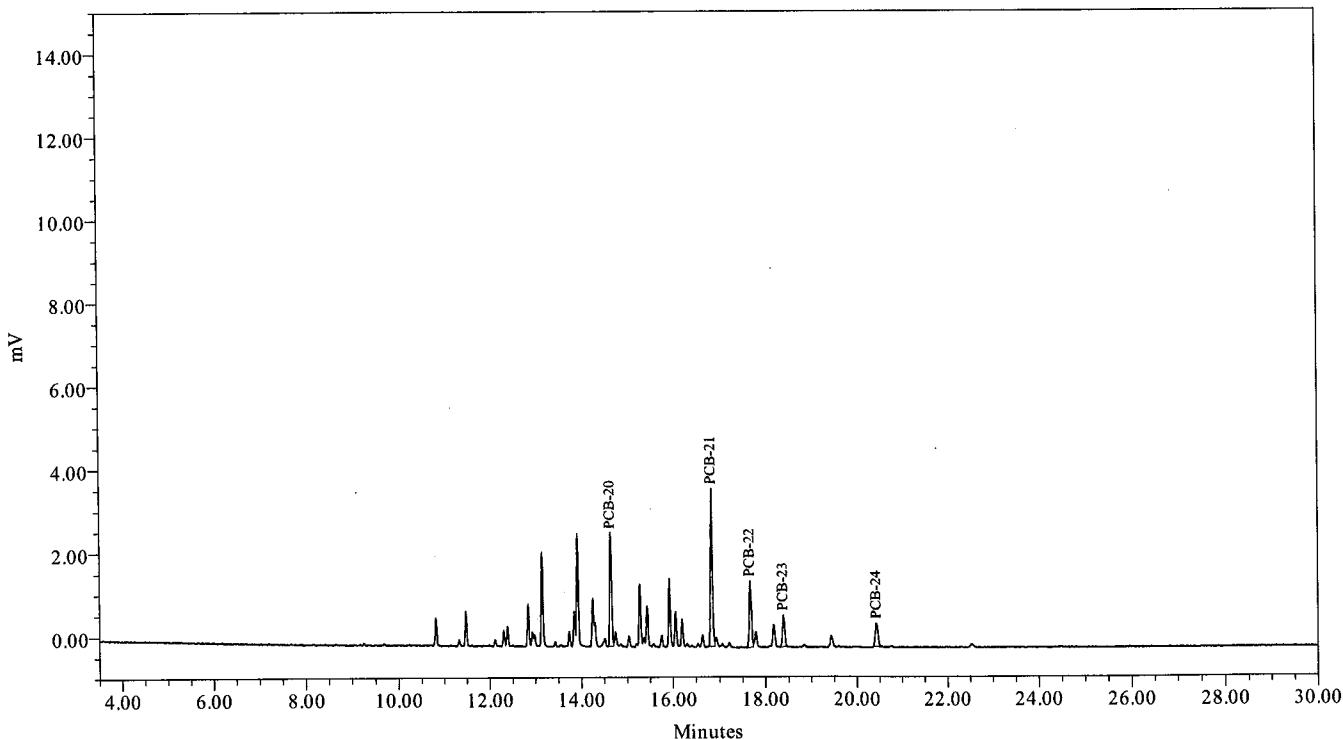
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120160D                 | Sample Amount:  | 1                       |
| Sample ID:         | A1260 500 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/02/2008 06:44:18 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:52:28 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:43:14 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-36            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-20    | 14.644         | bV               | 8076          |
| 2 | PCB-21    | 16.840         | bV               | 10479         |
| 3 | PCB-22    | 17.674         | bV               | 4885          |
| 4 | PCB-23    | 18.397         | bb               | 2471          |
| 5 | PCB-24    | 20.438         | bb               | 2292          |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|-------------|---------------------|----------------------|
| 1 | A1254       | 8076                |                      |
| 2 | A1254-17/18 | 8076                |                      |
| 3 | A1260       | 28204               | 500.000              |
| 4 | A1260-20    | 20129               | 500.000              |
| 5 | A1260-23/24 | 23440               | 500.000              |
| 6 | A1262       | 28204               |                      |
| 7 | A1268       | 4764                |                      |





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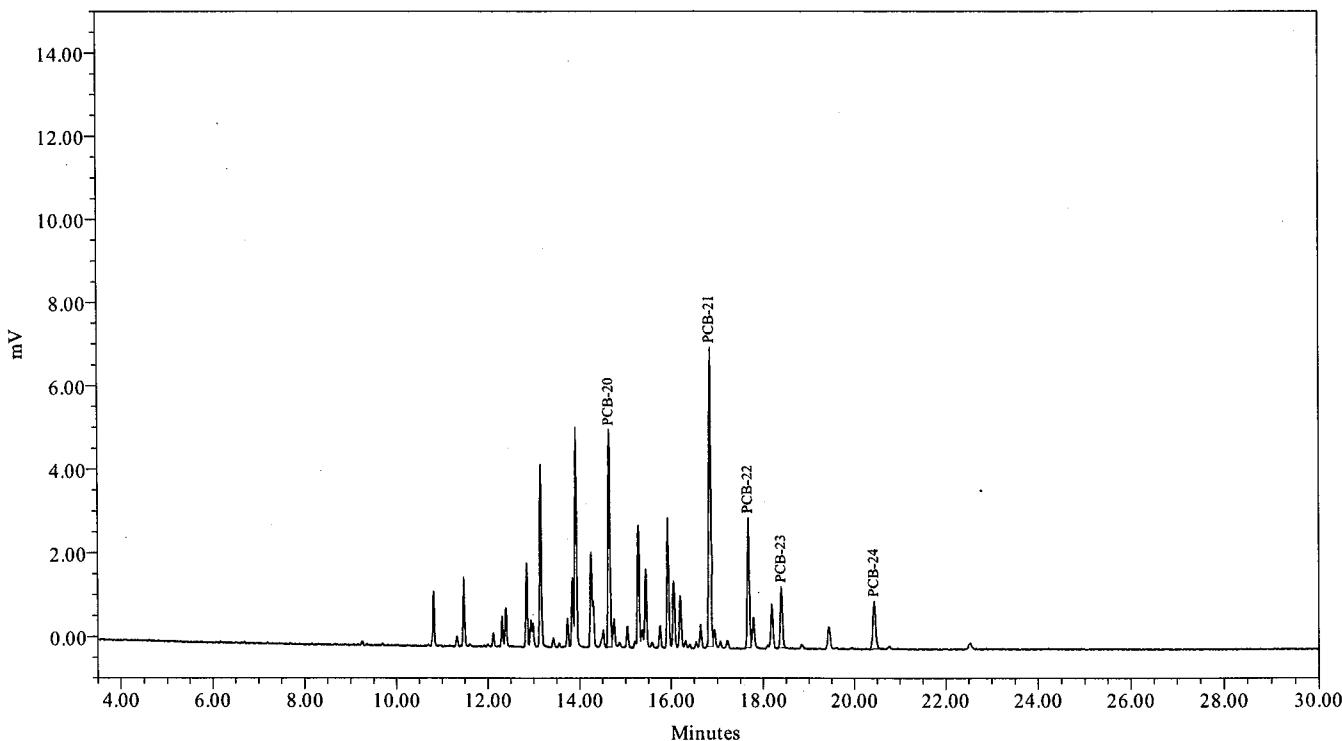
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | 120160E                 | Sample Amount:  | 1                       |
| Sample ID:         | A1260 1000 PPB          | Dilution:       | 1                       |
| Date Acquired:     | 12/02/2008 07:16:54 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 11:52:59 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:43:30 US/Eastern     |
| Report Name:       | CalStd_rpt_plt          | LIMS File ID:   | GC20F-308-37            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) |
|---|-----------|----------------|------------------|---------------|
| 1 | PCB-20    | 14.648         | bV               | 15873         |
| 2 | PCB-21    | 16.843         | bV               | 20105         |
| 3 | PCB-22    | 17.678         | bV               | 9394          |
| 4 | PCB-23    | 18.398         | bb               | 4945          |
| 5 | PCB-24    | 20.440         | bb               | 4783          |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL |
|---|-------------|---------------------|----------------------|
| 1 | A1254       | 15873               |                      |
| 2 | A1254-17/18 | 15873               |                      |
| 3 | A1260       | 55100               | 1000.000             |
| 4 | A1260-20    | 39227               | 1000.000             |
| 5 | A1260-23/24 | 45372               | 1000.000             |
| 6 | A1262       | 55100               |                      |
| 7 | A1268       | 9727                |                      |



# Initial/Continuing Calibration Data

7E-1  
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.

SDG NO: 08120165

ELAP ID No: 11078

Instrument ID: GC20F

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

| COMPOUND     | LAB FILE ID  | NEA SAMPLE ID | CALIB TYPE | CALC AMOUNT (ng/mL) | NOM AMOUNT (ng/mL) | PERCENT DIFFERENCE | DATE / TIME ANALYZED |
|--------------|--------------|---------------|------------|---------------------|--------------------|--------------------|----------------------|
| Aroclor 1016 | GC20F-308-39 | CS161201A     | ICV        | 488                 | 500                | -2.49              | 12/02/2008 08:22:06  |
| Aroclor 1221 | GC20F-308-40 | CS211201A     | ICV        | 509                 | 500                | 1.78               | 12/02/2008 08:54:42  |
| Aroclor 1232 | GC20F-308-41 | CS321201A     | ICV        | 471                 | 500                | -5.71              | 12/02/2008 09:27:18  |
| Aroclor 1242 | GC20F-308-42 | CS421201A     | ICV        | 462                 | 500                | -7.59              | 12/02/2008 09:59:53  |
| Aroclor 1248 | GC20F-308-43 | CS481201A     | ICV        | 486                 | 500                | -2.78              | 12/02/2008 10:32:29  |
| Aroclor 1254 | GC20F-308-44 | CS541201A     | ICV        | 486                 | 500                | -2.82              | 12/02/2008 11:05:06  |
| Aroclor 1260 | GC20F-308-45 | CS601201A     | ICV        | 490                 | 500                | -1.96              | 12/02/2008 11:37:42  |
| Aroclor 1232 | GC20F-326-36 | CS321226B     | CCV        | 442                 | 500                | -11.5              | 12/27/2008 05:38:00  |
| Aroclor 1242 | GC20F-326-46 | CS421226B     | CCV        | 447                 | 500                | -10.5              | 12/27/2008 11:04:00  |
| Aroclor 1248 | GC20F-326-56 | CS481226B     | CCV        | 480                 | 500                | -3.95              | 12/27/2008 16:30:01  |
| Aroclor 1254 | GC20F-326-62 | CS541226B     | CCV        | 488                 | 500                | -2.40              | 12/27/2008 19:45:37  |
| Aroclor 1260 | GC20F-327-10 | CS601229A     | CCV        | 510                 | 500                | 2.03               | 12/29/2008 10:48:53  |
| Aroclor 1016 | GC20F-327-16 | CS161229B     | CCV        | 520                 | 500                | 4.09               | 12/29/2008 15:04:16  |

% Difference must be less than or equal to +/- 15 percent

ICV = Initial Calibration Verification

CCV = Continuing Calibration Verification

7E-2  
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.

SGD NO: 08120165

ELAP ID No: 11078

Instrument ID: GC20F

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

| COMPOUND     | Lab File ID  | NEA Sample ID | CALIB TYPE | PEAK | RT    | RT WINDOW |       |
|--------------|--------------|---------------|------------|------|-------|-----------|-------|
|              |              |               |            |      |       | FROM      | TO    |
| Aroclor 1016 | GC20F-308-39 | CS161201A     | ICV        | 1    | 7.47  | 7.39      | 7.55  |
|              |              |               |            | 2    | 7.84  | 7.76      | 7.92  |
|              |              |               |            | 3    | 8.45  | 8.37      | 8.53  |
|              |              |               |            | 4    | 8.66  | 8.58      | 8.74  |
|              |              |               |            | 5    | 8.80  | 8.72      | 8.88  |
| Aroclor 1221 | GC20F-308-40 | CS211201A     | ICV        | 1    | 4.50  | 4.42      | 4.58  |
|              |              |               |            | 2    | 5.72  | 5.64      | 5.80  |
|              |              |               |            | 3    | 6.27  | 6.19      | 6.35  |
|              |              |               |            | 4    | 6.46  | 6.38      | 6.54  |
|              |              |               |            | 5    | 6.58  | 6.50      | 6.66  |
| Aroclor 1232 | GC20F-308-41 | CS321201A     | ICV        | 1    | 6.58  | 6.50      | 6.66  |
|              |              |               |            | 2    | 7.84  | 7.76      | 7.92  |
|              |              |               |            | 3    | 8.45  | 8.37      | 8.53  |
|              |              |               |            | 4    | 8.66  | 8.58      | 8.74  |
|              |              |               |            | 5    | 8.80  | 8.72      | 8.88  |
| Aroclor 1242 | GC20F-308-42 | CS421201A     | ICV        | 1    | 7.47  | 7.39      | 7.55  |
|              |              |               |            | 2    | 7.84  | 7.76      | 7.92  |
|              |              |               |            | 3    | 8.46  | 8.38      | 8.54  |
|              |              |               |            | 4    | 8.66  | 8.58      | 8.74  |
|              |              |               |            | 5    | 8.80  | 8.72      | 8.88  |
| Aroclor 1248 | GC20F-308-43 | CS481201A     | ICV        | 1    | 9.36  | 9.28      | 9.44  |
|              |              |               |            | 2    | 10.00 | 9.92      | 10.08 |
|              |              |               |            | 3    | 10.62 | 10.54     | 10.70 |
|              |              |               |            | 4    | 10.78 | 10.70     | 10.86 |
|              |              |               |            | 5    | 11.17 | 11.09     | 11.25 |
| Aroclor 1254 | GC20F-308-44 | CS541201A     | ICV        | 1    | 11.47 | 11.39     | 11.55 |
|              |              |               |            | 2    | 12.12 | 12.04     | 12.20 |
|              |              |               |            | 3    | 12.39 | 12.31     | 12.47 |
|              |              |               |            | 4    | 13.84 | 13.76     | 13.92 |
|              |              |               |            | 5    | 14.64 | 14.56     | 14.72 |
| Aroclor 1260 | GC20F-308-45 | CS601201A     | ICV        | 1    | 14.64 | 14.56     | 14.72 |
|              |              |               |            | 2    | 16.84 | 16.76     | 16.92 |
|              |              |               |            | 3    | 17.67 | 17.59     | 17.75 |
|              |              |               |            | 4    | 18.39 | 18.31     | 18.47 |
|              |              |               |            | 5    | 20.43 | 20.35     | 20.51 |

\* ICV = Initial Calibration Verification

CCV = Continuing Calibration Verification

7E-2  
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.

SGD NO: 08120165

ELAP ID No: 11078

Instrument ID: GC20F

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

| COMPOUND     | Lab File ID  | NEA Sample ID | CALIB TYPE | PEAK | RT    | RT WINDOW |       |
|--------------|--------------|---------------|------------|------|-------|-----------|-------|
|              |              |               |            |      |       | FROM      | TO    |
| Aroclor 1016 | GC20F-327-16 | CS161229B     | CCV        | 1    | 7.47  | 7.39      | 7.55  |
|              |              |               |            | 2    | 7.84  | 7.76      | 7.92  |
|              |              |               |            | 3    | 8.46  | 8.37      | 8.53  |
|              |              |               |            | 4    | 8.66  | 8.58      | 8.74  |
|              |              |               |            | 5    | 8.80  | 8.72      | 8.88  |
| Aroclor 1232 | GC20F-326-36 | CS321226B     | CCV        | 1    | 6.58  | 6.50      | 6.66  |
|              |              |               |            | 2    | 7.85  | 7.76      | 7.92  |
|              |              |               |            | 3    | 8.46  | 8.37      | 8.53  |
|              |              |               |            | 4    | 8.66  | 8.58      | 8.74  |
|              |              |               |            | 5    | 8.80  | 8.72      | 8.88  |
| Aroclor 1242 | GC20F-326-46 | CS421226B     | CCV        | 1    | 7.47  | 7.39      | 7.55  |
|              |              |               |            | 2    | 7.85  | 7.76      | 7.92  |
|              |              |               |            | 3    | 8.46  | 8.38      | 8.54  |
|              |              |               |            | 4    | 8.66  | 8.58      | 8.74  |
|              |              |               |            | 5    | 8.80  | 8.72      | 8.88  |
| Aroclor 1248 | GC20F-326-56 | CS481226B     | CCV        | 1    | 9.36  | 9.28      | 9.44  |
|              |              |               |            | 2    | 10.00 | 9.92      | 10.08 |
|              |              |               |            | 3    | 10.62 | 10.54     | 10.70 |
|              |              |               |            | 4    | 10.78 | 10.70     | 10.86 |
|              |              |               |            | 5    | 11.17 | 11.09     | 11.25 |
| Aroclor 1254 | GC20F-326-62 | CS541226B     | CCV        | 1    | 11.48 | 11.39     | 11.55 |
|              |              |               |            | 2    | 12.13 | 12.04     | 12.20 |
|              |              |               |            | 3    | 12.40 | 12.31     | 12.47 |
|              |              |               |            | 4    | 13.85 | 13.76     | 13.92 |
|              |              |               |            | 5    | 14.65 | 14.56     | 14.72 |
| Aroclor 1260 | GC20F-327-10 | CS601229A     | CCV        | 1    | 14.65 | 14.56     | 14.72 |
|              |              |               |            | 2    | 16.85 | 16.76     | 16.92 |
|              |              |               |            | 3    | 17.68 | 17.59     | 17.75 |
|              |              |               |            | 4    | 18.40 | 18.31     | 18.47 |
|              |              |               |            | 5    | 20.45 | 20.35     | 20.51 |

ICV = Initial Calibration Verification

CCV = Continuing Calibration Verification



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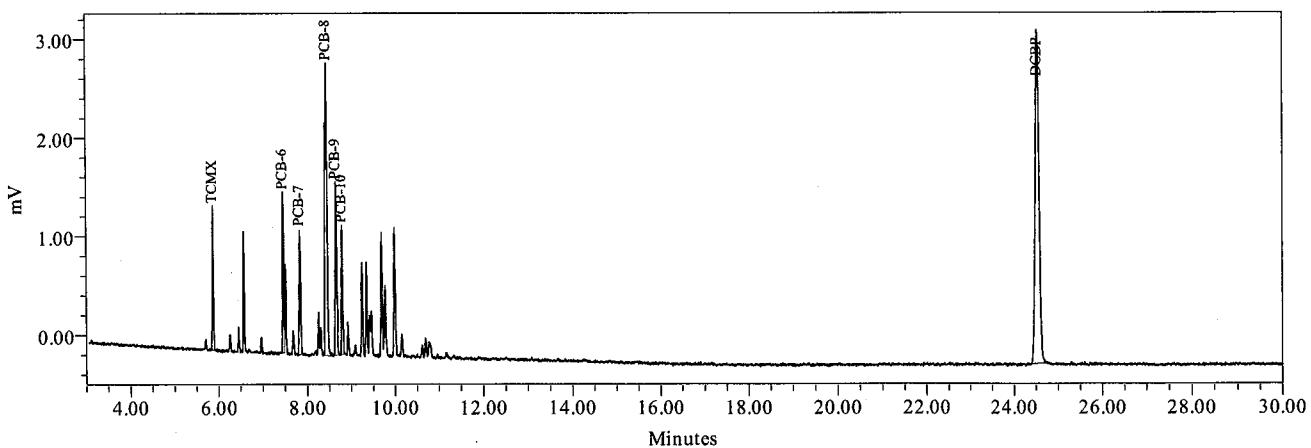
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|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | CS161201A               | Sample Amount:  | 1                       |
| Sample ID:         | A1016 500 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/02/2008 08:22:06 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 12:27:55 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:46:36 US/Eastern     |
| Report Name:       | ChkStd_Rpt_Plt_500      | LIMS File ID:   | GC20F-308-39            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.879          | bb               | 2223          | 9.679                | 96.8        |             |
| 2 | PCB-6     | 7.467          | bV               | 2740          |                      |             |             |
| 3 | PCB-7     | 7.840          | bb               | 2775          |                      |             |             |
| 4 | PCB-8     | 8.454          | bB               | 9418          |                      |             |             |
| 5 | PCB-9     | 8.658          | BB               | 3763          |                      |             |             |
| 6 | PCB-10    | 8.795          | Bb               | 2448          |                      |             |             |
| 7 | DCBP      | 24.533         | bb               | 20279         | 96.946               |             | 96.9        |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Cont. Check % Diff | Report | Note |
|---|------------|---------------------|----------------------|--------------------|--------|------|
| 1 | A1016      | 21144               | 487.550              | -2.49              | X      |      |
| 2 | A1232      | 18404               | 858.290              | 71.66              |        |      |
| 3 | A1232-8/9  | 5223                | 533.119              | 6.62               |        |      |
| 4 | A1242      | 21144               | 577.134              | 15.43              |        |      |





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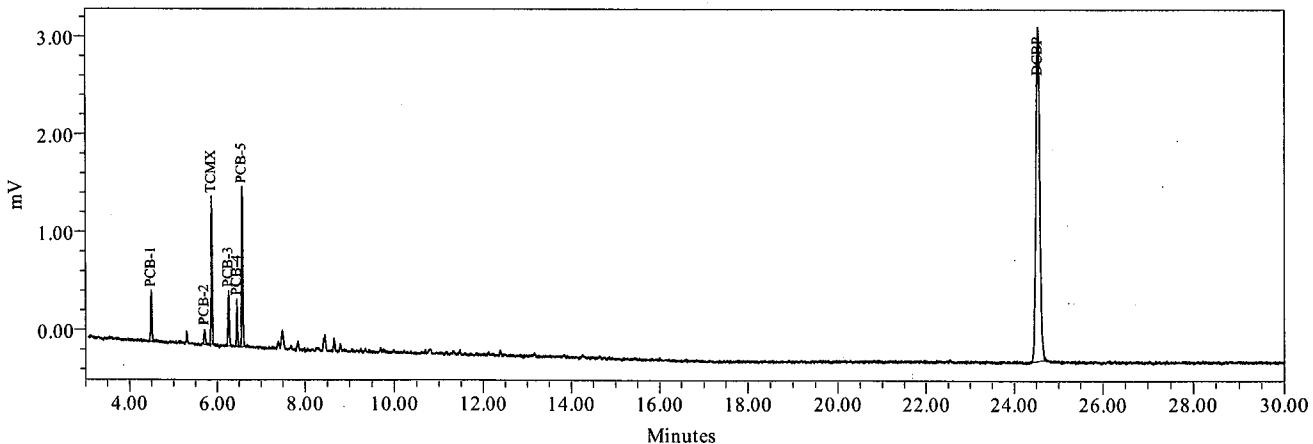
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|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | CS211201A               | Sample Amount:  | 1                       |
| Sample ID:         | A1221 500 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/02/2008 08:54:42 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 12:28:22 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:47:00 US/Eastern     |
| Report Name:       | ChkStd_Rpt_Plt_500_     | LIMS File ID:   | GC20F-308-40            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | PCB-1     | 4.502          | bb               | 746           |                      |             |             |
| 2 | PCB-2     | 5.718          | bb               | 341           |                      |             |             |
| 3 | TCMX      | 5.881          | bb               | 2274          | 9.910                | 99.1        |             |
| 4 | PCB-3     | 6.268          | bb               | 1122          |                      |             |             |
| 5 | PCB-4     | 6.461          | bb               | 749           |                      |             |             |
| 6 | PCB-5     | 6.581          | bb               | 2861          |                      |             |             |
| 7 | DCBP      | 24.539         | bb               | 20745         | 99.231               |             | 99.2        |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Cont. Check % Diff. | Report | Note |
|---|------------|---------------------|----------------------|---------------------|--------|------|
| 1 | A1221      | 5819                | 508.901              | 1.78                | X      |      |
| 2 | A1221-2    | 5478                | 508.315              | 1.66                |        |      |
| 3 | A1221-5    | 2958                | 507.400              | 1.48                |        |      |
| 4 | A1232      | 2861                | 132.823              | -73.44              |        |      |
| 5 | A1232-8/9  | 2861                | 293.863              | -41.23              |        |      |





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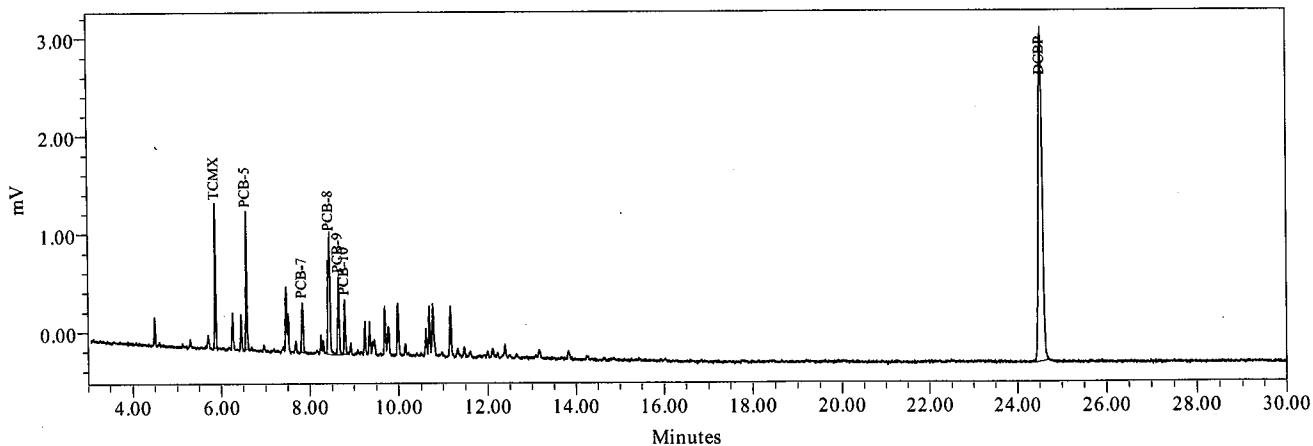
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|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | CS321201A               | Sample Amount:  | 1                       |
| Sample ID:         | A1232 500 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/02/2008 09:27:18 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 12:28:46 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:47:04 US/Eastern     |
| Report Name:       | ChkStd_Rpt_Plt_500_     | LIMS File ID:   | GC20F-308-41            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.880          | bb               | 2203          | 9.589                | 95.9        |             |
| 2 | PCB-5     | 6.580          | bb               | 2324          |                      |             |             |
| 3 | PCB-7     | 7.842          | bb               | 1137          |                      |             |             |
| 4 | PCB-8     | 8.455          | bB               | 3898          |                      |             |             |
| 5 | PCB-9     | 8.659          | BB               | 1682          |                      |             |             |
| 6 | PCB-10    | 8.797          | Bb               | 1075          |                      |             |             |
| 7 | DCBP      | 24.538         | bb               | 20430         | 97.689               |             | 97.7        |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Cont. Check % Diff | Report | Note |
|---|------------|---------------------|----------------------|--------------------|--------|------|
| 1 | A1016      | 7792                | 177.704              | -64.46             |        |      |
| 2 | A1221      | 2324                | 202.620              | -59.48             |        |      |
| 3 | A1221-2    | 2324                | 215.309              | -56.94             |        |      |
| 4 | A1232      | 10116               | 471.461              | -5.71              | X      |      |
| 5 | A1232-8/9  | 4536                | 463.514              | -7.30              |        |      |
| 6 | A1242      | 7792                | 212.168              | -57.57             |        |      |





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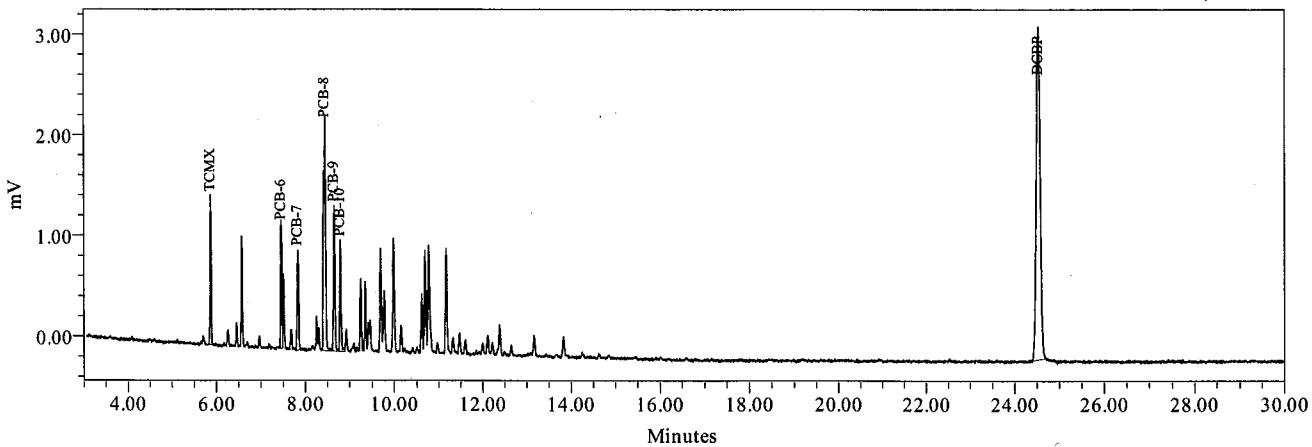
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|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | CS421201A               | Sample Amount:  | 1                       |
| Sample ID:         | A1242 500 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/02/2008 09:59:53 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 12:29:16 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:47:21 US/Eastern     |
| Report Name:       | ChkStd_Rpt_Plt_500_     | LIMS File ID:   | GC20F-308-42            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.880          | bb               | 2224          | 9.685                | 96.8        |             |
| 2 | PCB-6     | 7.468          | bV               | 2189          |                      |             |             |
| 3 | PCB-7     | 7.840          | bb               | 2244          |                      |             |             |
| 4 | PCB-8     | 8.455          | bV               | 7328          |                      |             |             |
| 5 | PCB-9     | 8.660          | VV               | 3037          |                      |             |             |
| 6 | PCB-10    | 8.796          | VV               | 2137          |                      |             |             |
| 7 | DCBP      | 24.538         | bb               | 20196         | 96.541               |             | 96.5        |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Cont. Check % Diff | Report | Note |
|---|------------|---------------------|----------------------|--------------------|--------|------|
| 1 | A1016      | 16935               | 389.867              | -22.03             |        |      |
| 2 | A1232      | 14745               | 687.521              | 37.50              |        |      |
| 3 | A1232-8/9  | 4380                | 447.771              | -10.45             |        |      |
| 4 | A1242      | 16935               | 462.073              | -7.59              | X      |      |





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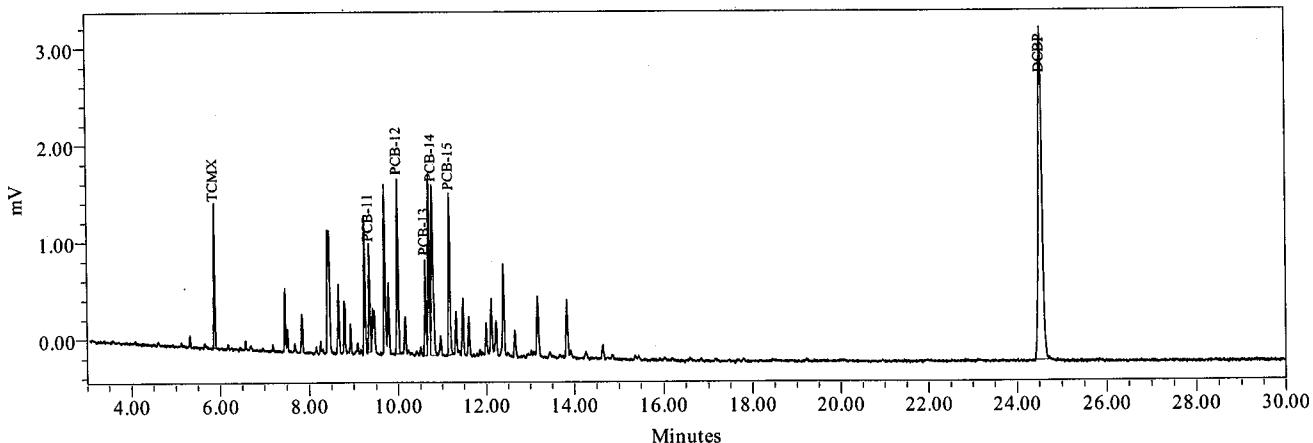
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|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | CS481201A               | Sample Amount:  | 1                       |
| Sample ID:         | A1248 500 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/02/2008 10:32:29 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 12:29:44 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:47:30 US/Eastern     |
| Report Name:       | ChkStd_Rpt_Plt_500_     | LIMS File ID:   | GC20F-308-43            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.883          | bb               | 2221          | 9.670                | 96.7        |             |
| 2 | PCB-11    | 9.358          | bV               | 2083          |                      |             |             |
| 3 | PCB-12    | 9.997          | bb               | 3956          |                      |             |             |
| 4 | PCB-13    | 10.624         | bV               | 2129          |                      |             |             |
| 5 | PCB-14    | 10.782         | Vb               | 5273          |                      |             |             |
| 6 | PCB-15    | 11.175         | bb               | 3853          |                      |             |             |
| 7 | DCBP      | 24.537         | bb               | 20270         | 96.905               |             | 96.9        |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Cont. Check % Diff | Report | Note |
|---|-------------|---------------------|----------------------|--------------------|--------|------|
| 1 | A1248       | 17295               | 486.091              | -2.78              | X      |      |
| 2 | A1248-11/15 | 11358               | 491.232              | -1.75              |        |      |
| 3 | A1248-14/15 | 8168                | 486.291              | -2.74              |        |      |





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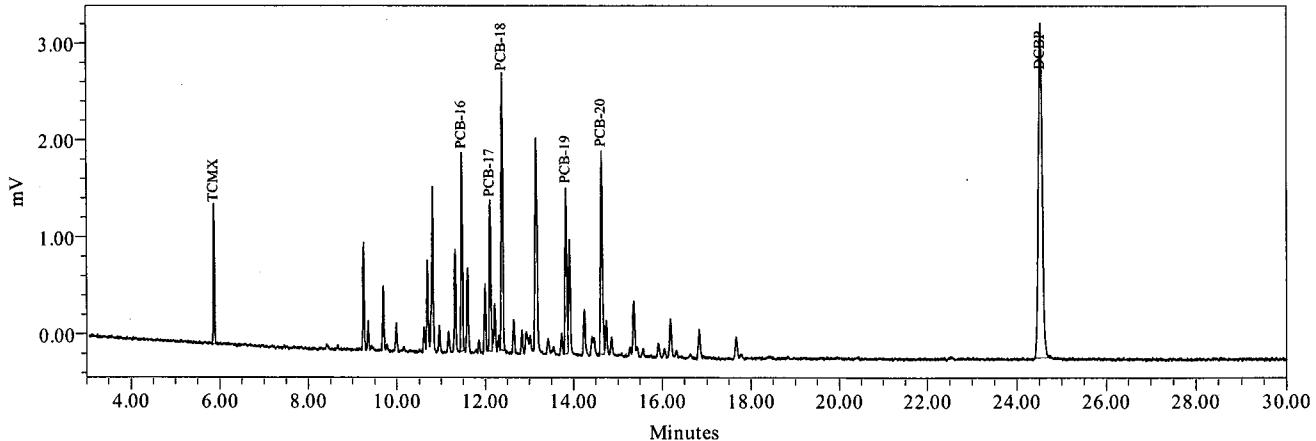
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|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | CS541201A               | Sample Amount:  | 1                       |
| Sample ID:         | A1254 500 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/02/2008 11:05:06 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/02/2008 12:30:15 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:47:50 US/Eastern     |
| Report Name:       | ChkStd_Rpt_Plt_500_     | LIMS File ID:   | GC20F-308-44            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.879          | bb               | 2294          | 9.997                | 100.0       |             |
| 2 | PCB-16    | 11.474         | bb               | 4563          |                      |             |             |
| 3 | PCB-17    | 12.116         | bV               | 3612          |                      |             |             |
| 4 | PCB-18    | 12.389         | Bb               | 6599          |                      |             |             |
| 5 | PCB-19    | 13.838         | bV               | 4569          |                      |             |             |
| 6 | PCB-20    | 14.640         | bV               | 5964          |                      |             |             |
| 7 | DCBP      | 24.530         | bb               | 20524         | 98.148               |             | 98.1        |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Cont. Check % Diff | Report | Note |
|---|-------------|---------------------|----------------------|--------------------|--------|------|
| 1 | A1254       | 25308               | 485.912              | -2.82              | X      |      |
| 2 | A1254-17/18 | 15096               | 490.367              | -1.93              |        |      |
| 3 | A1254-19/20 | 14775               | 482.642              | -3.47              |        |      |
| 4 | A1254-20    | 19344               | 482.756              | -3.45              |        |      |
| 5 | A1260       | 5964                | 106.182              | -78.76             |        |      |
| 6 | A1260-23/24 | 5964                | 127.689              | -74.46             |        |      |
| 7 | A1262       | 5964                |                      | -100.00            |        |      |





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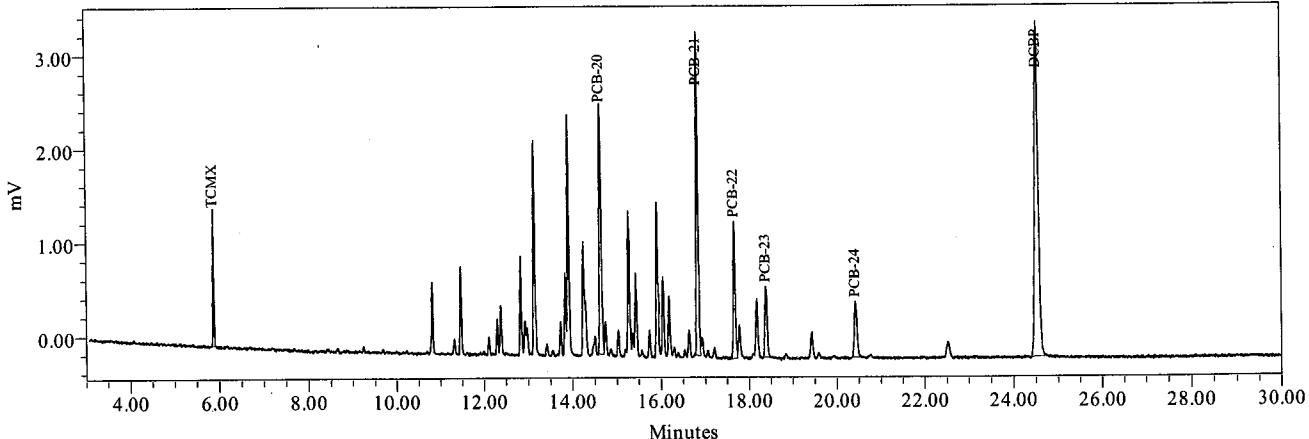
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|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | CS601201A               | Sample Amount:  | 1                       |
| Sample ID:         | A1260 500 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/02/2008 11:37:42 EST | Extract Volume: | 1                       |
| Project Name:      | PCBGC20F_Sep_2008       | Date Processed: | 12/02/2008 12:30:46 EST |
| Sample Set Name:   | GC20F_8082CC_120108     | User Name:      | Kari Lantigne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/11/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 09:48:13 US/Eastern     |
| Report Name:       | ChkStd_Rpt_PlT_500_     | LIMS File ID:   | GC20F-308-45            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.878          | bb               | 2221          | 9.668                | 96.7        |             |
| 2 | PCB-20    | 14.642         | bV               | 8059          |                      |             |             |
| 3 | PCB-21    | 16.837         | bV               | 9779          |                      |             |             |
| 4 | PCB-22    | 17.671         | bV               | 4585          |                      |             |             |
| 5 | PCB-23    | 18.392         | bb               | 2508          |                      |             |             |
| 6 | PCB-24    | 20.434         | bb               | 2429          |                      |             |             |
| 7 | DCBP      | 24.536         | bb               | 20975         | 100.357              |             | 100.4       |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Cont. Check % Diff. | Report | Note |
|---|-------------|---------------------|----------------------|---------------------|--------|------|
| 1 | A1254       | 8059                | 153.549              | -69.29              |        |      |
| 2 | A1254-17/18 | 8059                | 261.303              | -47.74              |        |      |
| 3 | A1260       | 27360               | 490.186              | -1.96               | X      |      |
| 4 | A1260-20    | 19301               | 485.883              | -2.82               |        |      |
| 5 | A1260-23/24 | 22423               | 484.723              | -3.06               |        |      |
| 6 | A1262       | 27360               |                      | -100.00             |        |      |
| 7 | A1268       | 4937                |                      | -100.00             |        |      |





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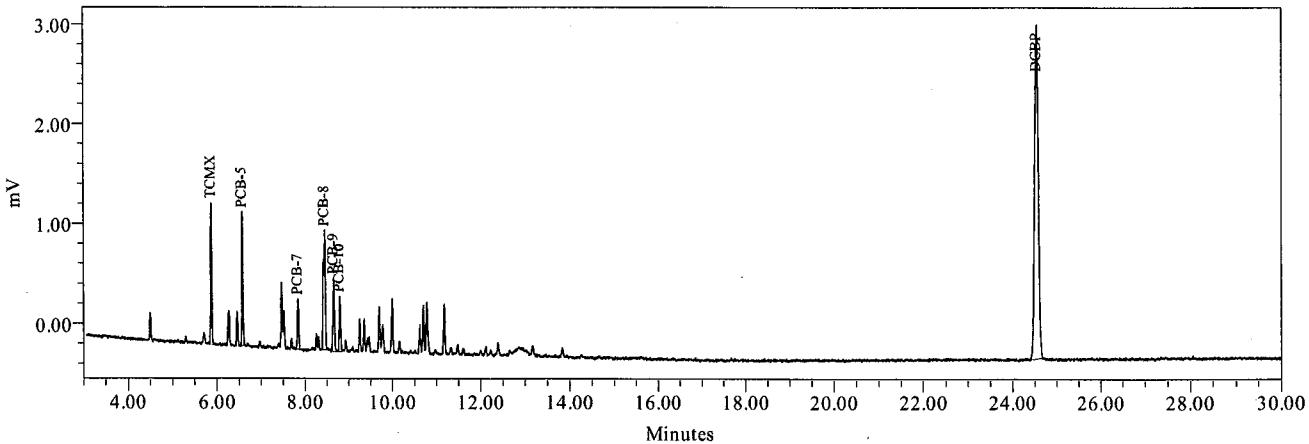
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|--------------------|---------------------------|-----------------|---------------------------|
| Sample Name:       | CS321226B                 | Sample Amount:  | 1                         |
| Sample ID:         | A1232 500 PPB             | Dilution:       | 1                         |
| Date Acquired:     | 12/27/2008 5:38:00 AM EST | Extract Volume: | 1                         |
| Project Name:      | PCB\GC20F_Sep_2008        | Date Processed: | 12/27/2008 2:39:06 PM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:      | Thomas Herold (TomH)      |
| Processing Method: | GC20F_8082CC_120108       | Current Date:   | 12/29/2008                |
| Run Time:          | 30.0 Minutes              | Current Time:   | 11:43:24 AM US/Eastern    |
| Report Name:       | ChkStd_Rpt_Plt_500_       | LIMS File ID:   | GC20F-326-36              |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.883          | bb               | 2146          | 9.334                | 93.3        |             |
| 2 | PCB-5     | 6.584          | bb               | 2226          |                      |             |             |
| 3 | PCB-7     | 7.845          | bb               | 1090          |                      |             |             |
| 4 | PCB-8     | 8.459          | bb               | 3587          |                      |             |             |
| 5 | PCB-9     | 8.664          | BV               | 1541          |                      |             |             |
| 6 | PCB-10    | 8.802          | VV               | 1050          |                      |             |             |
| 7 | DCBP      | 24.548         | bb               | 19185         | 91.587               |             | 91.6        |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Cont. Check % Diff | Report | Note |
|---|------------|---------------------|----------------------|--------------------|--------|------|
| 1 | A1016      | 7269                | 165.550              | -66.89             |        |      |
| 2 | A1221      | 2226                | 194.040              | -61.19             |        |      |
| 3 | A1221-2    | 2226                | 206.213              | -58.76             |        |      |
| 4 | A1232      | 9495                | 442.447              | -11.51             | X      |      |
| 5 | A1232-8/9  | 4366                | 446.327              | -10.73             |        |      |
| 6 | A1242      | 7269                | 197.852              | -60.43             |        |      |





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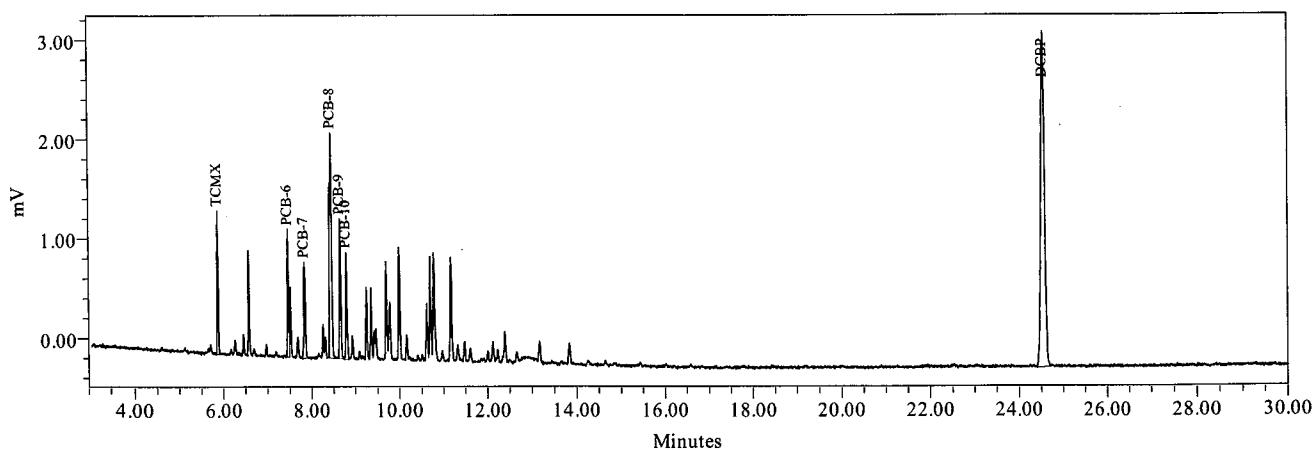
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|--------------------|----------------------------|-----------------|---------------------------|
| Sample Name:       | CS421226B                  | Sample Amount:  | 1                         |
| Sample ID:         | A1242 500 PPB              | Dilution:       | 1                         |
| Date Acquired:     | 12/27/2008 11:04:00 AM EST | Extract Volume: | 1                         |
| Project Name:      | PCB\GC20F_Sep_2008         | Date Processed: | 12/27/2008 2:40:30 PM EST |
| Sample Set Name:   | GC20F_8082s_122608         | User Name:      | Thomas Herold (TomH)      |
| Processing Method: | GC20F_8082CC_120108        | Current Date:   | 12/29/2008                |
| Run Time:          | 30.0 Minutes               | Current Time:   | 11:42:47 AM US/Eastern    |
| Report Name:       | ChkStd_Rpt_Plt_500_        | LIMS File ID:   | GC20F-326-46              |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.883          | bb               | 2201          | 9.580                | 95.8        |             |
| 2 | PCB-6     | 7.473          | bV               | 2170          |                      |             |             |
| 3 | PCB-7     | 7.846          | bb               | 2240          |                      |             |             |
| 4 | PCB-8     | 8.460          | bB               | 7051          |                      |             |             |
| 5 | PCB-9     | 8.664          | BB               | 2929          |                      |             |             |
| 6 | PCB-10    | 8.801          | Bv               | 2009          |                      |             |             |
| 7 | DCBP      | 24.543         | bb               | 20185         | 96.489               |             | 96.5        |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Cont. Check % Diff | Report | Note |
|---|------------|---------------------|----------------------|--------------------|--------|------|
| 1 | A1016      | 16399               | 377.436              | -24.51             |        |      |
| 2 | A1232      | 14228               | 663.389              | 32.68              |        |      |
| 3 | A1232-8/9  | 4249                | 434.464              | -13.11             |        |      |
| 4 | A1242      | 16399               | 447.431              | -10.51             | X      |      |





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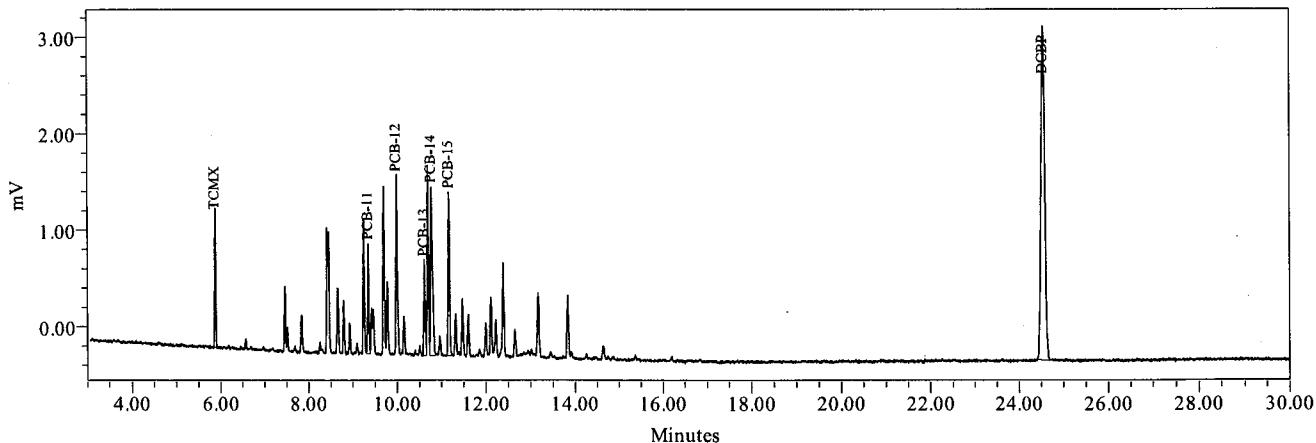
|                    |                           |                 |                           |
|--------------------|---------------------------|-----------------|---------------------------|
| Sample Name:       | CS481226B                 | Sample Amount:  | 1                         |
| Sample ID:         | A1248 500 PPB             | Dilution:       | 1                         |
| Date Acquired:     | 12/27/2008 4:30:01 PM EST | Extract Volume: | 1                         |
| Project Name:      | PCBGC20F_Sep_2008         | Date Processed: | 12/27/2008 6:41:58 PM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:      | Thomas Herold (TomH)      |
| Processing Method: | GC20F_8082CC_120108       | Current Date:   | 12/29/2008                |
| Run Time:          | 30.0 Minutes              | Current Time:   | 11:42:53 AM US/Eastern    |
| Report Name:       | ChkStd_Rpt_Plt_500        | LIMS File ID:   | GC20F-326-56              |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.882          | bb               | 2228          | 9.704                | 97.0        |             |
| 2 | PCB-11    | 9.357          | VV               | 2148          |                      |             |             |
| 3 | PCB-12    | 9.996          | bb               | 3919          |                      |             |             |
| 4 | PCB-13    | 10.623         | bV               | 2136          |                      |             |             |
| 5 | PCB-14    | 10.780         | Vv               | 5073          |                      |             |             |
| 6 | PCB-15    | 11.174         | bb               | 3812          |                      |             |             |
| 7 | DCBP      | 24.545         | bb               | 20181         | 96.465               |             | 96.5        |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Cont. Check % Diff | Report | Note |
|---|-------------|---------------------|----------------------|--------------------|--------|------|
| 1 | A1248       | 17088               | 480.272              | -3.95              | X      |      |
| 2 | A1248-11/15 | 11128               | 481.257              | -3.75              |        |      |
| 3 | A1248-14/15 | 8203                | 488.346              | -2.33              |        |      |





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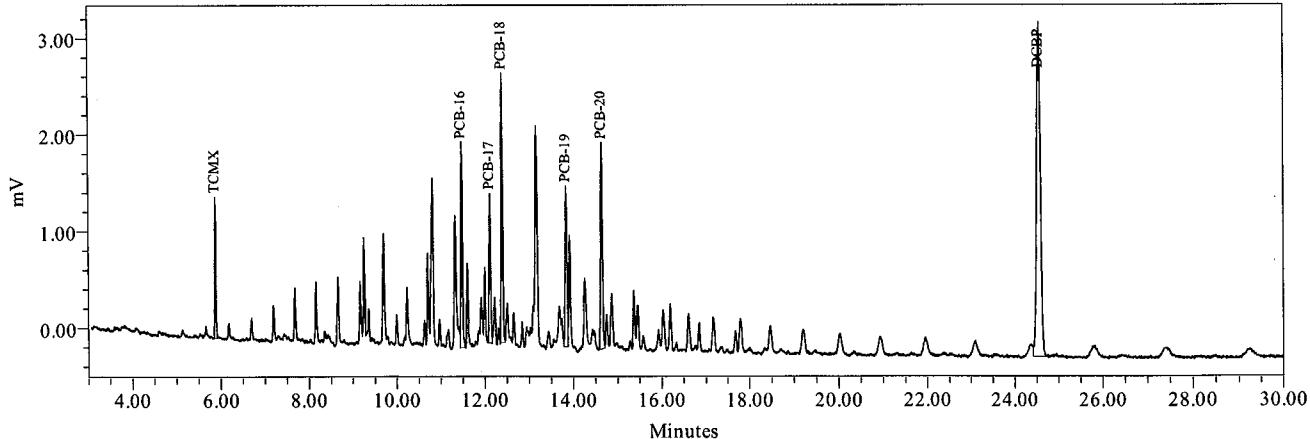
|                    |                           |                 |                           |
|--------------------|---------------------------|-----------------|---------------------------|
| Sample Name:       | CS541226B                 | Sample Amount:  | 1                         |
| Sample ID:         | A1254 500 PPB             | Dilution:       | 1                         |
| Date Acquired:     | 12/27/2008 7:45:37 PM EST | Extract Volume: | 1                         |
| Project Name:      | PCB\GC20F_Sep_2008        | Date Processed: | 12/29/2008 4:53:58 AM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:      | Thomas Herold (TomH)      |
| Processing Method: | GC20F_8082CC_120108       | Current Date:   | 12/29/2008                |
| Run Time:          | 30.0 Minutes              | Current Time:   | 11:42:59 AM US/Eastern    |
| Report Name:       | ChkStd_Rpt_PlT_500_       | LIMS File ID:   | GC20F-326-62              |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.886          | bb               | 2175          | 9.462                | 94.6        |             |
| 2 | PCB-16    | 11.484         | Vb               | 4889          |                      |             |             |
| 3 | PCB-17    | 12.126         | bV               | 3490          |                      |             |             |
| 4 | PCB-18    | 12.400         | BV               | 6441          |                      |             |             |
| 5 | PCB-19    | 13.847         | VV               | 4677          |                      |             |             |
| 6 | PCB-20    | 14.650         | bV               | 5919          |                      |             |             |
| 7 | DCBP      | 24.552         | vb               | 20728         | 99.145               |             | 99.1        |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Cont. Check % Diff | Report | Note |
|---|-------------|---------------------|----------------------|--------------------|--------|------|
| 1 | A1254       | 25417               | 488.016              | -2.40              | X      |      |
| 2 | A1254-17/18 | 15486               | 503.040              | 0.61               |        |      |
| 3 | A1254-19/20 | 14821               | 484.157              | -3.17              |        |      |
| 4 | A1254-20    | 19498               | 486.624              | -2.68              |        |      |
| 5 | A1260       | 5919                | 105.376              | -78.92             |        |      |
| 6 | A1260-23/24 | 5919                | 126.714              | -74.66             |        |      |
| 7 | A1262       | 5919                |                      | -100.00            |        |      |





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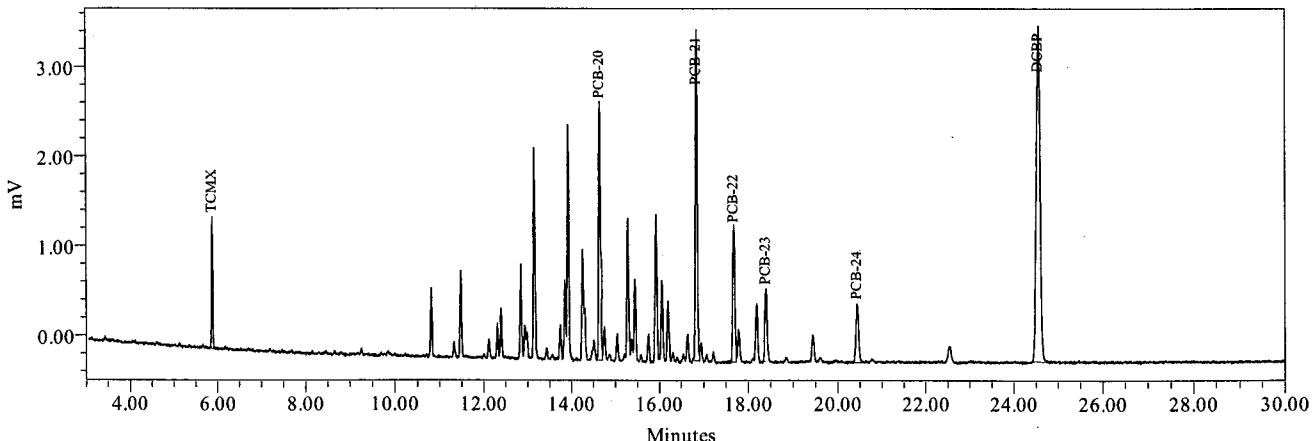
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | CS601229A               | Sample Amount:  | 1                       |
| Sample ID:         | A1260 500 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/29/2008 10:48:53 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/29/2008 13:42:40 EST |
| Sample Set Name:   | GC20F_CCV_122908        | User Name:      | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/30/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 06:22:38 US/Eastern     |
| Report Name:       | ChkStd_Rpt_Pl_500_      | LIMS File ID:   | GC20F-327-10            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.884          | bb               | 2285          | 9.959                | 99.6        |             |
| 2 | PCB-20    | 14.652         | bV               | 8263          |                      |             |             |
| 3 | PCB-21    | 16.847         | bV               | 10108         |                      |             |             |
| 4 | PCB-22    | 17.681         | bV               | 4685          |                      |             |             |
| 5 | PCB-23    | 18.404         | bb               | 2687          |                      |             |             |
| 6 | PCB-24    | 20.447         | bb               | 2730          |                      |             |             |
| 7 | DCBP      | 24.553         | bb               | 22053         | 105.639              |             | 105.6       |

#### Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Cont. Check % Diff | Report | Note |
|---|-------------|---------------------|----------------------|--------------------|--------|------|
| 1 | A1254       | 8263                | 157.481              | -68.50             |        |      |
| 2 | A1254-17/18 | 8263                | 267.946              | -46.41             |        |      |
| 3 | A1260       | 28473               | 510.155              | 2.03               | X      |      |
| 4 | A1260-20    | 20210               | 508.757              | 1.75               |        |      |
| 5 | A1260-23/24 | 23056               | 498.450              | -0.31              |        |      |
| 6 | A1262       | 28473               |                      | -100.00            |        |      |
| 7 | A1268       | 5417                |                      | -100.00            |        |      |





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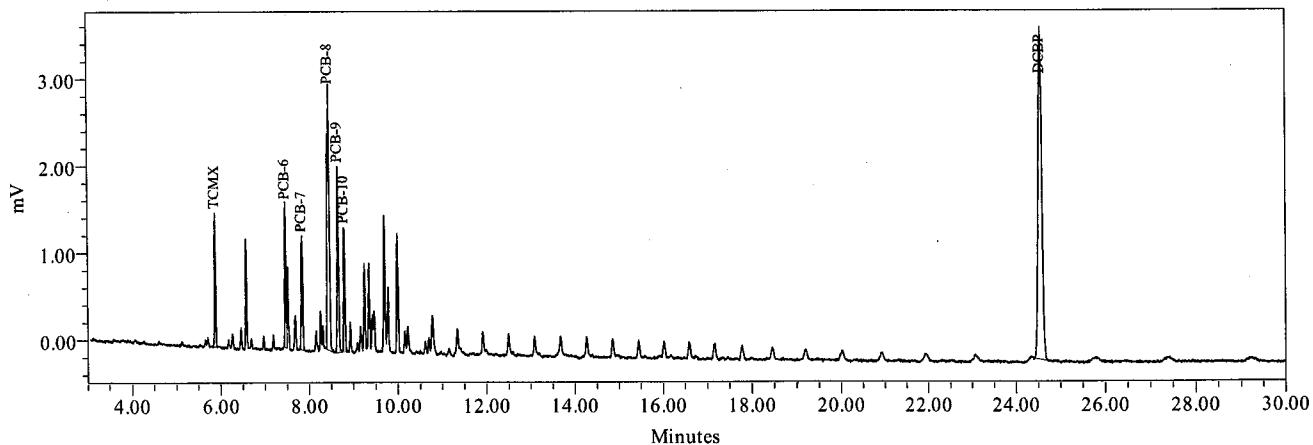
|                    |                         |                 |                         |
|--------------------|-------------------------|-----------------|-------------------------|
| Sample Name:       | CS161229B               | Sample Amount:  | 1                       |
| Sample ID:         | A1016 500 PPB           | Dilution:       | 1                       |
| Date Acquired:     | 12/29/2008 15:04:16 EST | Extract Volume: | 1                       |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed: | 12/30/2008 05:20:29 EST |
| Sample Set Name:   | GC20F_8082S_122908      | User Name:      | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:   | 12/30/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:   | 06:22:47 US/Eastern     |
| Report Name:       | ChkStd_Rpt_Plt_500      | LIMS File ID:   | GC20F-327-16            |

#### Peak Results

|   | Peak Name | Ret Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.883          | bb               | 2325          | 10.139               | 101.4       |             |
| 2 | PCB-6     | 7.472          | bV               | 2817          |                      |             |             |
| 3 | PCB-7     | 7.844          | bb               | 2870          |                      |             |             |
| 4 | PCB-8     | 8.459          | bB               | 9735          |                      |             |             |
| 5 | PCB-9     | 8.664          | BV               | 4475          |                      |             |             |
| 6 | PCB-10    | 8.801          | Vb               | 2664          |                      |             |             |
| 7 | DCBP      | 24.550         | bb               | 22424         | 107.460              |             | 107.5       |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Cont. Check % Diff | Report | Note |
|---|------------|---------------------|----------------------|--------------------|--------|------|
| 1 | A1016      | 22560               | 520.428              | 4.09               | X      |      |
| 2 | A1232      | 19743               | 920.801              | 84.16              |        |      |
| 3 | A1232-8/9  | 5534                | 564.593              | 12.92              |        |      |
| 4 | A1242      | 22560               | 615.860              | 23.17              |        |      |



# QC Sample Raw Data

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |                |
|-----------------------|--------------------------------|------------------|----------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165       |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-03MS  |
| Matrix:               | Sediment                       | Client ID:       | P2SD-26C-01 MS |
| Sample wt(Dry)/vol:   | 4.1461 g                       | Lab Sample ID:   | AL20818M       |
| Percent Moisture:     | 58.7                           | Date Received:   | 12/18/2008     |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008     |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008     |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 6              |
|                       |                                | Sulfur Cleanup:  | YES            |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-42

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

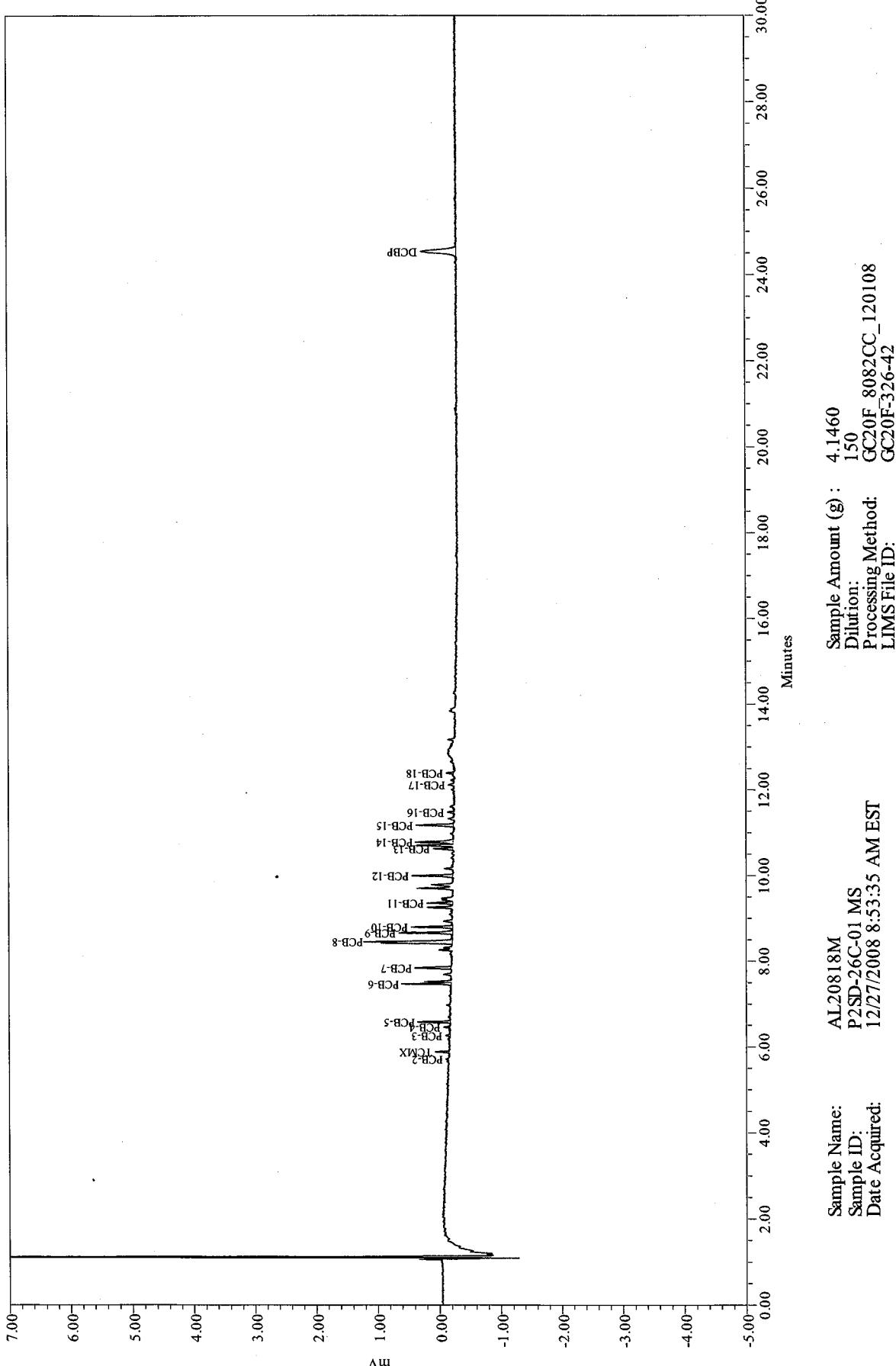
| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q |
|---------------|------------|---------------|--------------------|---|
| 1             | 12674-11-2 | Aroclor 1016  | 0.724              | U |
| 1             | 11104-28-2 | Aroclor 1221  | 0.724              | U |
| 1             | 11141-16-5 | Aroclor 1232  | 0.724              | U |
| 1             | 53469-21-9 | Aroclor 1242  | 10.1               |   |
| 1             | 12672-29-6 | Aroclor 1248  | 0.724              | U |
| 1             | 11097-69-1 | Aroclor 1254  | 0.724              | U |
| 1             | 11096-82-5 | Aroclor 1260  | 0.724              | U |

Laboratory Qualifiers:

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



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|                    |                           |                    |                            |
|--------------------|---------------------------|--------------------|----------------------------|
| Sample Name:       | AL20818M                  | Sample Amount (g): | 4.1460                     |
| Sample ID:         | P2SD-26C-01 MS            | Dilution:          | 150                        |
| Date Acquired:     | 12/27/2008 8:53:35 AM EST | Extract Volume:    | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008        | Date Processed:    | 12/29/2008 10:31:17 AM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:         | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108       | Current Date:      | 12/29/2008                 |
| Run Time:          | 30.0 Minutes              | Current Time:      | 11:44:20 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL        | LIMS File ID:      | GC20F-326-42               |

Peak Results

|    | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|----|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1  | PCB-2     | 5.72            | bb               | 70            |                      |             |             |
| 2  | TCMX      | 5.89            | bb               | 333           | 1.169                | 70.1        |             |
| 3  | PCB-3     | 6.26            | bb               | 162           |                      |             |             |
| 4  | PCB-4     | 6.46            | bb               | 145           |                      |             |             |
| 5  | PCB-5     | 6.58            | bb               | 879           |                      |             |             |
| 6  | PCB-6     | 7.47            | bV               | 1339          |                      |             |             |
| 7  | PCB-7     | 7.85            | bb               | 1305          |                      |             |             |
| 8  | PCB-8     | 8.46            | bV               | 4520          |                      |             |             |
| 9  | PCB-9     | 8.67            | BB               | 1855          |                      |             |             |
| 10 | PCB-10    | 8.80            | vB               | 1209          |                      |             |             |
| 11 | PCB-11    | 9.36            | bV               | 808           |                      |             |             |
| 12 | PCB-12    | 10.00           | bb               | 1391          |                      |             |             |
| 13 | PCB-13    | 10.63           | bB               | 599           |                      |             |             |
| 14 | PCB-14    | 10.78           | Vb               | 1517          |                      |             |             |
| 15 | PCB-15    | 11.18           | bb               | 1342          |                      |             |             |
| 16 | PCB-16    | 11.48           | bb               | 201           |                      |             |             |
| 17 | PCB-17    | 12.12           | bb               | 177           |                      |             |             |
| 18 | PCB-18    | 12.40           | bb               | 240           |                      |             |             |
| 19 | DCBP      | 24.54           | bb               | 3352          | 13.996               |             | 84.0        |

Group Results

|   | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1248       | 5657                | 159.082              | 5.75550     | 0.724    | NR     |      |
| 2 | A1248-11/15 | 3507                | 151.735              | 5.48968     | 0.724    | NR     |      |
| 3 | A1248-14/15 | 2798                | 164.493              | 5.95126     | 0.724    | NR     |      |
| 4 | A1254       | 618                 | 10.167               | 0.36784     | 0.724    | NR     |      |
| 5 | A1254-17/18 | 201                 | 5.536                | 0.20028     | 0.724    | NR     |      |

**Group Results**

|    | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|----|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 6  | A1254-19/20 | 618                 | 17.615               | 0.63730     | 0.724    | NR     |      |
| 7  | A1254-20    | 618                 | 12.768               | 0.46193     | 0.724    | NR     |      |
| 8  | A1016       | 10227               | 234.211              | 8.47363     | 0.724    | NR     |      |
| 9  | A1221       | 1257                | 109.101              | 3.94721     | 0.724    | NR     |      |
| 10 | A1221-2     | 1187                | 109.695              | 3.96871     | 0.724    | NR     |      |
| 11 | A1221-5     | 377                 | 64.972               | 2.35066     | 0.724    | NR     |      |
| 12 | A1232       | 9768                | 455.202              | 16.46896    | 0.724    | NR     |      |
| 13 | A1232-8/9   | 3393                | 347.718              | 12.58025    | 0.724    | NR     |      |
| 14 | A1242       | 10227               | 278.727              | 10.08420    | 0.724    | X      |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |                 |
|-----------------------|--------------------------------|------------------|-----------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165        |
| ELAP ID No:           | 11078                          | LRF ID:          | 08120165-03MSD  |
| Matrix:               | Sediment                       | Client ID:       | P2SD-26C-01 MSD |
| Sample wt(Dry)/vol:   | 4.2803 g                       | Lab Sample ID:   | AL20818K        |
| Percent Moisture:     | 58.7                           | Date Received:   | 12/18/2008      |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008      |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008      |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 6               |
|                       |                                | Sulfur Cleanup:  | YES             |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-43

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

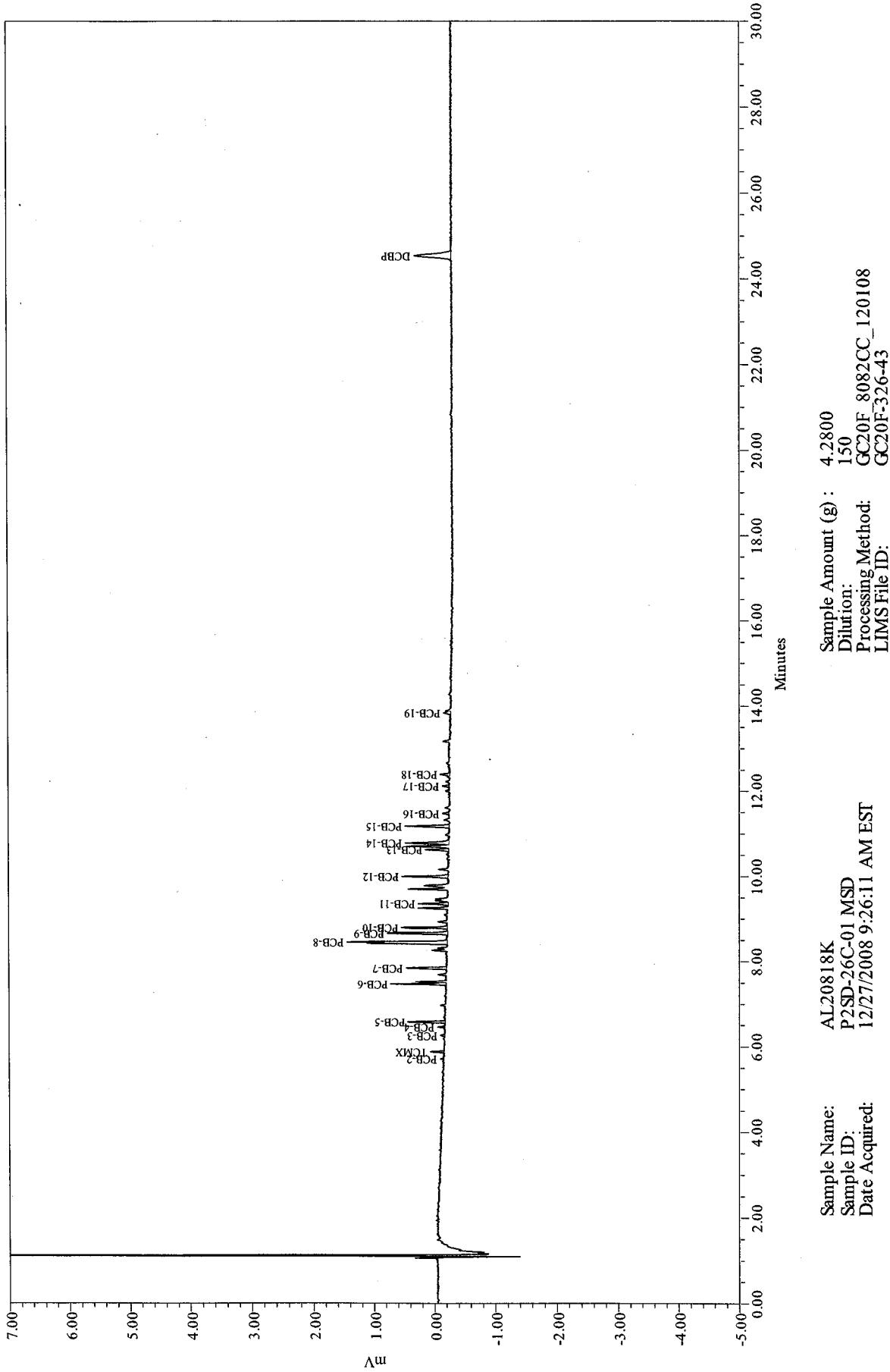
| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q |
|---------------|------------|---------------|--------------------|---|
| 1             | 12674-11-2 | Aroclor 1016  | 0.701              | U |
| 1             | 11104-28-2 | Aroclor 1221  | 0.701              | U |
| 1             | 11141-16-5 | Aroclor 1232  | 0.701              | U |
| 1             | 53469-21-9 | Aroclor 1242  | 11.2               |   |
| 1             | 12672-29-6 | Aroclor 1248  | 0.701              | U |
| 1             | 11097-69-1 | Aroclor 1254  | 0.701              | U |
| 1             | 11096-82-5 | Aroclor 1260  | 0.701              | U |

Laboratory Qualifiers:

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



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|                    |                           |                     |                            |
|--------------------|---------------------------|---------------------|----------------------------|
| Sample Name:       | AL20818K                  | Sample Amount (g) : | 4.2800                     |
| Sample ID:         | P2SD-26C-01 MSD           | Dilution:           | 150                        |
| Date Acquired:     | 12/27/2008 9:26:11 AM EST | Extract Volume:     | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008        | Date Processed:     | 12/29/2008 10:33:20 AM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:          | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108       | Current Date:       | 12/29/2008                 |
| Run Time:          | 30.0 Minutes              | Current Time:       | 11:44:22 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL        | LIMS File ID:       | GC20F-326-43               |

#### Peak Results

|    | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|----|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1  | PCB-2     | 5.72            | bb               | 99            |                      |             |             |
| 2  | TCMX      | 5.88            | bb               | 359           | 1.287                | 77.2        |             |
| 3  | PCB-3     | 6.27            | bb               | 146           |                      |             |             |
| 4  | PCB-4     | 6.47            | bb               | 184           |                      |             |             |
| 5  | PCB-5     | 6.58            | bb               | 1038          |                      |             |             |
| 6  | PCB-6     | 7.47            | bV               | 1523          |                      |             |             |
| 7  | PCB-7     | 7.85            | bb               | 1535          |                      |             |             |
| 8  | PCB-8     | 8.46            | bv               | 5220          |                      |             |             |
| 9  | PCB-9     | 8.66            | Bv               | 2090          |                      |             |             |
| 10 | PCB-10    | 8.80            | Vv               | 1405          |                      |             |             |
| 11 | PCB-11    | 9.36            | bV               | 986           |                      |             |             |
| 12 | PCB-12    | 10.00           | bb               | 1659          |                      |             |             |
| 13 | PCB-13    | 10.63           | bV               | 792           |                      |             |             |
| 14 | PCB-14    | 10.78           | Vb               | 1861          |                      |             |             |
| 15 | PCB-15    | 11.18           | bb               | 1635          |                      |             |             |
| 16 | PCB-16    | 11.48           | bb               | 212           |                      |             |             |
| 17 | PCB-17    | 12.12           | bb               | 230           |                      |             |             |
| 18 | PCB-18    | 12.40           | vb               | 403           |                      |             |             |
| 19 | PCB-19    | 13.84           | bv               | 301           |                      |             |             |
| 20 | DCBP      | 24.55           | bb               | 3436          | 14.409               |             | 86.5        |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1016      | 11774               | 270.103              | 9.46623     | 0.701    | NR     |      |
| 2 | A1221      | 1466                | 127.486              | 4.46797     | 0.701    | NR     |      |
| 3 | A1221-2    | 1367                | 126.459              | 4.43196     | 0.701    | NR     |      |
| 4 | A1221-5    | 429                 | 73.810               | 2.58678     | 0.701    | NR     |      |

**Group Results**

|    | Group Name  | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|----|-------------|---------------------|----------------------|-------------|----------|--------|------|
| 5  | A1232       | 11288               | 526.164              | 18.44033    | 0.701    | NR     |      |
| 6  | A1232-8/9   | 3978                | 407.037              | 14.26530    | 0.701    | NR     |      |
| 7  | A1242       | 11774               | 321.004              | 11.25015    | 0.701    | X      |      |
| 8  | A1248       | 6934                | 194.965              | 6.83288     | 0.701    | NR     |      |
| 9  | A1248-11/15 | 4313                | 186.558              | 6.53824     | 0.701    | NR     |      |
| 10 | A1248-14/15 | 3438                | 202.836              | 7.10872     | 0.701    | NR     |      |
| 11 | A1254       | 1146                | 20.342               | 0.71293     | 0.701    | NR     |      |
| 12 | A1254-17/18 | 513                 | 15.696               | 0.55009     | 0.701    | NR     |      |
| 13 | A1254-19/20 | 845                 | 25.065               | 0.87844     | 0.701    | NR     |      |
| 14 | A1254-20    | 1146                | 26.021               | 0.91196     | 0.701    | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |              |
|-----------------------|--------------------------------|------------------|--------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165     |
| ELAP ID No:           | 11078                          | LRF ID:          | PBLK-29      |
| Matrix:               | SODIUM SULFATE                 | Client ID:       | METHOD BLANK |
| Sample wt(Dry)/vol:   | 9.578 g                        | Lab Sample ID:   | AL20818B     |
| Percent Moisture:     | 0.0                            | Date Received:   |              |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008   |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008   |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 1            |
| Sulfur Cleanup: YES   |                                |                  |              |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-37

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

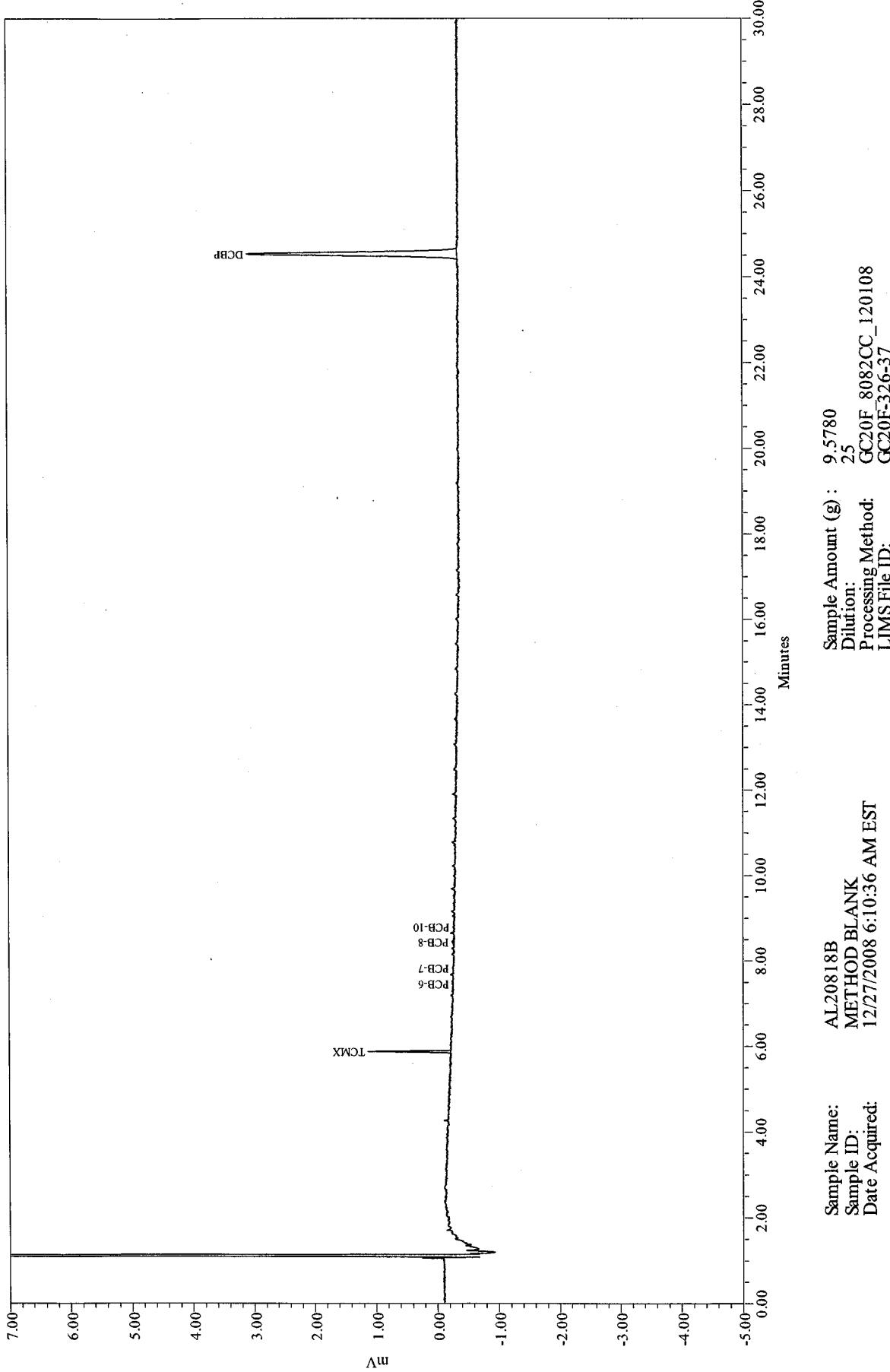
| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q |
|---------------|------------|---------------|--------------------|---|
| 1             | 12674-11-2 | Aroclor 1016  | 0.0522             | U |
| 1             | 11104-28-2 | Aroclor 1221  | 0.0522             | U |
| 1             | 11141-16-5 | Aroclor 1232  | 0.0522             | U |
| 1             | 53469-21-9 | Aroclor 1242  | 0.0522             | U |
| 1             | 12672-29-6 | Aroclor 1248  | 0.0522             | U |
| 1             | 11097-69-1 | Aroclor 1254  | 0.0522             | U |
| 1             | 11096-82-5 | Aroclor 1260  | 0.0522             | U |

Laboratory Qualifiers:

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



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|                    |                           |                     |                            |
|--------------------|---------------------------|---------------------|----------------------------|
| Sample Name:       | AL20818B                  | Sample Amount (g) : | 9.5780                     |
| Sample ID:         | METHOD BLANK              | Dilution:           | 25                         |
| Date Acquired:     | 12/27/2008 6:10:36 AM EST | Extract Volume:     | 25                         |
| Project Name:      | PCB\GC20F_Sep_2008        | Date Processed:     | 12/29/2008 10:20:31 AM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:          | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108       | Current Date:       | 12/29/2008                 |
| Run Time:          | 30.0 Minutes              | Current Time:       | 11:44:08 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL        | LIMS File ID:       | GC20F-326-37               |

#### Peak Results

|   | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.88            | bb               | 2031          | 8.816                | 88.2        |             |
| 2 | PCB-6     | 7.47            | bb               | 16            |                      |             |             |
| 3 | PCB-7     | 7.84            | bb               | 17            |                      |             |             |
| 4 | PCB-8     | 8.45            | bb               | 114           |                      |             |             |
| 5 | PCB-10    | 8.80            | bb               | 35            |                      |             |             |
| 6 | DCBP      | 24.54           | bb               | 19906         | 95.117               |             | 95.1        |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1016      | 183                 | 1.111                | 0.00290     | 0.0522   | NR     |      |
| 2 | A1232      | 167                 | 7.078                | 0.01848     | 0.0522   | NR     |      |
| 3 | A1232-8/9  | 53                  | 9.419                | 0.02458     | 0.0522   | NR     |      |
| 4 | A1242      | 183                 | 4.160                | 0.01086     | 0.0522   | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |                   |
|-----------------------|--------------------------------|------------------|-------------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165          |
| ELAP ID No:           | 11078                          | LRF ID:          | LCS-29            |
| Matrix:               | SODIUM SULFATE                 | Client ID:       | LAB CONTROL SPIKE |
| Sample wt(Dry)/vol:   | 9.823 g                        | Lab Sample ID:   | AL20818L          |
| Percent Moisture:     | 0.0                            | Date Received:   |                   |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/19/2008        |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/27/2008        |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 1                 |
| Sulfur Cleanup: YES   |                                |                  |                   |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-326-38

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

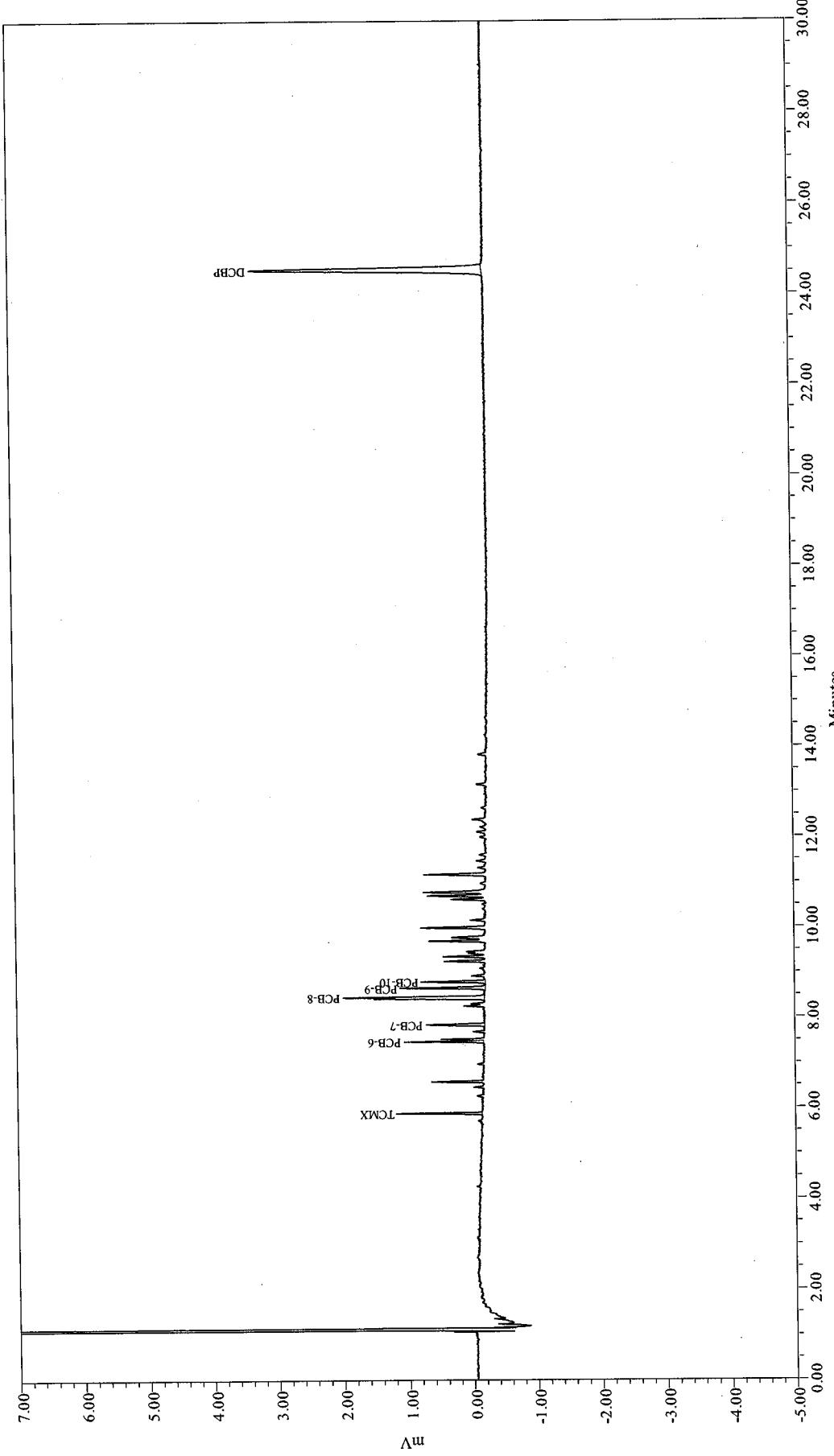
| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q |
|---------------|------------|---------------|--------------------|---|
| 1             | 12674-11-2 | Aroclor 1016  | 0.0509             | U |
| 1             | 11104-28-2 | Aroclor 1221  | 0.0509             | U |
| 1             | 11141-16-5 | Aroclor 1232  | 0.0509             | U |
| 1             | 53469-21-9 | Aroclor 1242  | 1.08               |   |
| 1             | 12672-29-6 | Aroclor 1248  | 0.0509             | U |
| 1             | 11097-69-1 | Aroclor 1254  | 0.0509             | U |
| 1             | 11096-82-5 | Aroclor 1260  | 0.0509             | U |

Laboratory Qualifiers:

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



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Sample Name: AL20818L  
Sample ID: LAB CONTROL SPIKE  
Date Acquired: 12/27/2008 6:43:12 AM EST

Sample Name: AL20818L  
Sample ID: LAB CONTROL SPIKE  
Date Acquired: 12/27/2008 6:43:12 AM EST

Sample Amount (g) : 9.8230  
Dilution: 25  
Processing Method: GC20F 8082CC\_120108  
LIMS File ID: GC20F-326-38

Sample Name: AL20818L

1 of 1



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|                    |                           |                    |                            |
|--------------------|---------------------------|--------------------|----------------------------|
| Sample Name:       | AL20818L                  | Sample Amount (g): | 9.8230                     |
| Sample ID:         | LAB CONTROL SPIKE         | Dilution:          | 25                         |
| Date Acquired:     | 12/27/2008 6:43:12 AM EST | Extract Volume:    | 25                         |
| Project Name:      | PCBGC20F_Sep_2008         | Date Processed:    | 12/29/2008 10:21:08 AM EST |
| Sample Set Name:   | GC20F_8082s_122608        | User Name:         | Thomas Herold (TomH)       |
| Processing Method: | GC20F_8082CC_120108       | Current Date:      | 12/29/2008                 |
| Run Time:          | 30.0 Minutes              | Current Time:      | 11:44:14 AM US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL        | LIMS File ID:      | GC20F-326-38               |

#### Peak Results

|   | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.88            | bb               | 2063          | 8.957                | 89.6        |             |
| 2 | PCB-6     | 7.47            | bV               | 2016          |                      |             |             |
| 3 | PCB-7     | 7.84            | bb               | 2087          |                      |             |             |
| 4 | PCB-8     | 8.46            | bv               | 6801          |                      |             |             |
| 5 | PCB-9     | 8.66            | VB               | 2800          |                      |             |             |
| 6 | PCB-10    | 8.80            | BV               | 1907          |                      |             |             |
| 7 | DCBP      | 24.54           | bb               | 20414         | 97.608               |             | 97.6        |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1016      | 15611               | 359.146              | 0.91404     | 0.0509   | NR     |      |
| 2 | A1232      | 13595               | 633.814              | 1.61309     | 0.0509   | NR     |      |
| 3 | A1232-8/9  | 3994                | 408.640              | 1.04001     | 0.0509   | NR     |      |
| 4 | A1242      | 15611               | 425.888              | 1.08390     | 0.0509   | X      |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |              |
|-----------------------|--------------------------------|------------------|--------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165     |
| ELAP ID No:           | 11078                          | LRF ID:          | PBLK-53      |
| Matrix:               | SODIUM SULFATE                 | Client ID:       | METHOD BLANK |
| Sample wt(Dry)/vol:   | 9.113 g                        | Lab Sample ID:   | AL20797B     |
| Percent Moisture:     | 0.0                            | Date Received:   |              |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/26/2008   |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/29/2008   |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 1            |
| Sulfur Cleanup: YES   |                                |                  |              |

**Column 1 Information:**

GC Column: J&W. NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-327-12

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

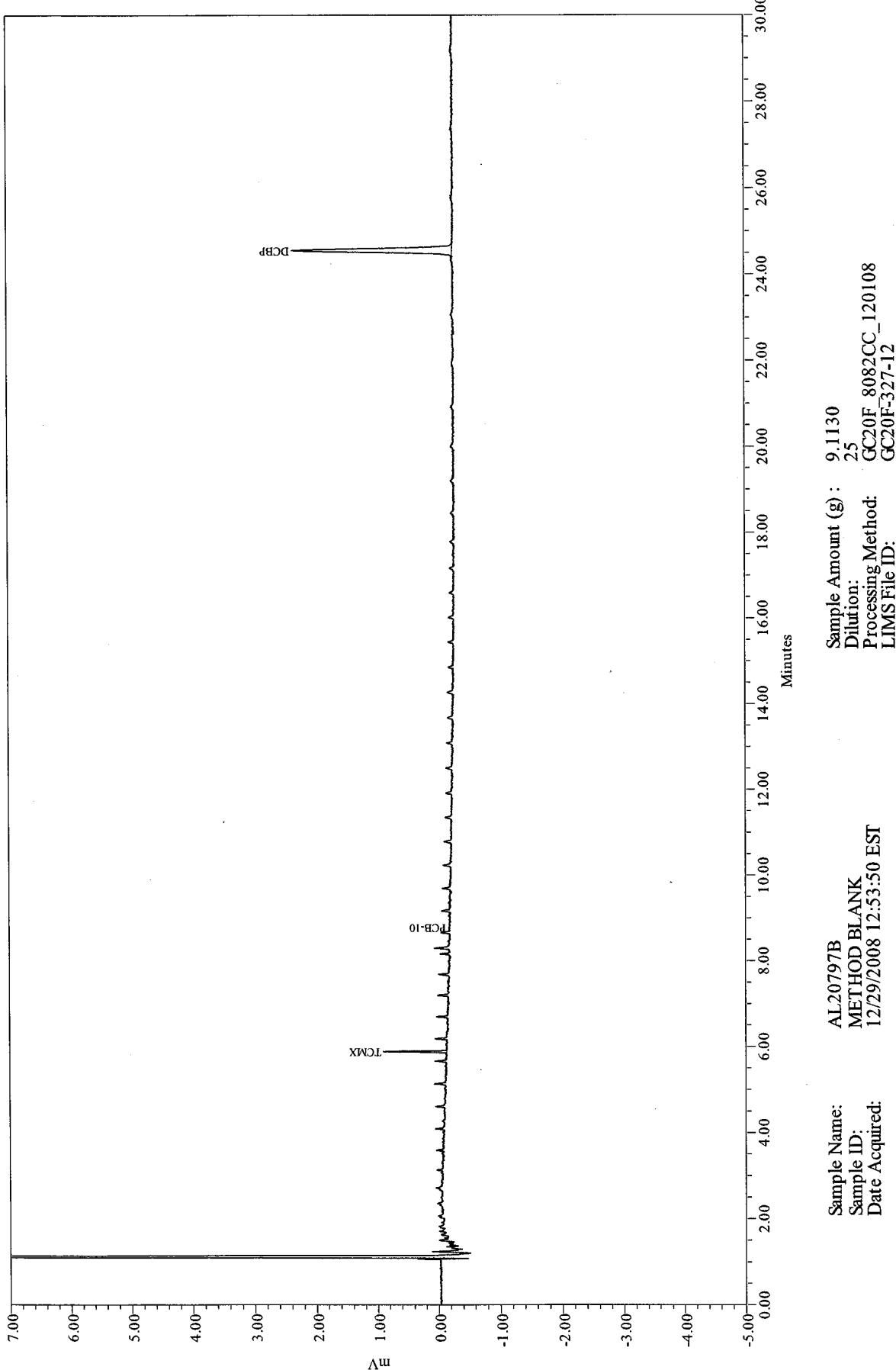
| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q |
|---------------|------------|---------------|--------------------|---|
| 1             | 12674-11-2 | Aroclor 1016  | 0.0549             | U |
| 1             | 11104-28-2 | Aroclor 1221  | 0.0549             | U |
| 1             | 11141-16-5 | Aroclor 1232  | 0.0549             | U |
| 1             | 53469-21-9 | Aroclor 1242  | 0.0549             | U |
| 1             | 12672-29-6 | Aroclor 1248  | 0.0549             | U |
| 1             | 11097-69-1 | Aroclor 1254  | 0.0549             | U |
| 1             | 11096-82-5 | Aroclor 1260  | 0.0549             | U |

Laboratory Qualifiers:

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



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|                    |                         |                    |                         |
|--------------------|-------------------------|--------------------|-------------------------|
| Sample Name:       | AL20797B                | Sample Amount (g): | 9.1130                  |
| Sample ID:         | METHOD BLANK            | Dilution:          | 25                      |
| Date Acquired:     | 12/29/2008 12:53:50 EST | Extract Volume:    | 25                      |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed:    | 12/30/2008 06:10:47 EST |
| Sample Set Name:   | GC20F_8082S_122908      | User Name:         | Kari Lantegne (KariL)   |
| Processing Method: | GC20F_8082CC_120108     | Current Date:      | 12/30/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:      | 06:20:37 US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL      | LIMS File ID:      | GC20F-327-12            |

#### Peak Results

|   | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.89            | bb               | 1580          | 6.783                | 67.8        |             |
| 2 | PCB-10    | 8.79            | bb               | 29            |                      |             |             |
| 3 | DCBP      | 24.55           | bb               | 15163         | 71.878               |             | 71.9        |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1016      | 29                  |                      |             | 0.0549   | NR     |      |
| 2 | A1232      | 29                  | 0.626                | 0.00172     | 0.0549   | NR     |      |
| 3 | A1232-8/9  | 29                  | 6.982                | 0.01915     | 0.0549   | NR     |      |
| 4 | A1242      | 29                  |                      |             | 0.0549   | NR     |      |

**1D-1**  
**PCB ANALYSIS DATA SHEET**

|                       |                                |                  |                   |
|-----------------------|--------------------------------|------------------|-------------------|
| Laboratory Name:      | Northeast Analytical, Inc.     | SDG No:          | 08120165          |
| ELAP ID No:           | 11078                          | LRF ID:          | LCS-53            |
| Matrix:               | SODIUM SULFATE                 | Client ID:       | LAB CONTROL SPIKE |
| Sample wt(Dry)/vol:   | 9.497 g                        | Lab Sample ID:   | AL20797L          |
| Percent Moisture:     | 0.0                            | Date Received:   |                   |
| Extraction:           | Accelerated Solvent Extraction | Date Extracted:  | 12/26/2008        |
| Conc. Extract Volume: | 25000 uL                       | Date Analyzed:   | 12/29/2008        |
| Method:               | SW-846 8082 (PCB)              | Dilution Factor: | 1                 |
| Sulfur Cleanup: YES   |                                |                  |                   |

**Column 1 Information:**

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm  
 Injection Volume: 1.0 uL  
 Lab File ID: GC20F-327-13

**Column 2 Information:**

GC Column: NA  
 Injection Volume: NA  
 Lab File ID: NA

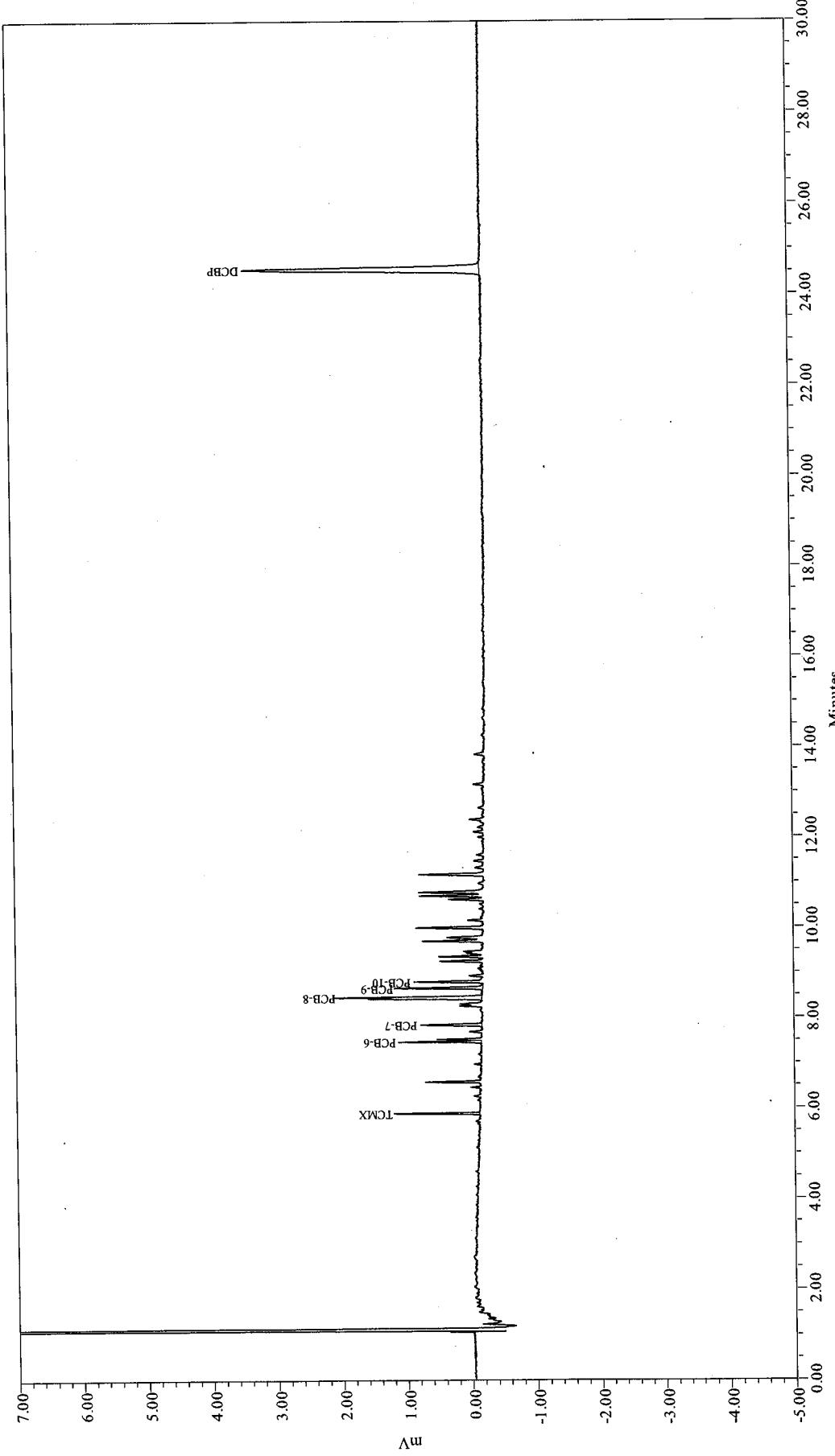
| Column Number | CAS NO     | COMPOUND NAME | CONCENTRATION UG/G | Q |
|---------------|------------|---------------|--------------------|---|
| 1             | 12674-11-2 | Aroclor 1016  | 0.0526             | U |
| 1             | 11104-28-2 | Aroclor 1221  | 0.0526             | U |
| 1             | 11141-16-5 | Aroclor 1232  | 0.0526             | U |
| 1             | 53469-21-9 | Aroclor 1242  | 1.16               |   |
| 1             | 12672-29-6 | Aroclor 1248  | 0.0526             | U |
| 1             | 11097-69-1 | Aroclor 1254  | 0.0526             | U |
| 1             | 11096-82-5 | Aroclor 1260  | 0.0526             | U |

Laboratory Qualifiers:

U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.



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Sample Name: AL20797L  
Sample ID: LAB CONTROL SPIKE  
Date Acquired: 12/29/2008 13:26:27 EST

Sample Name: AL20797L  
Sample ID: LAB CONTROL SPIKE  
Date Acquired: 12/29/2008 13:26:27 EST

Sample Amount (g): 9.4970  
Dilution: 25  
Processing Method: GC20F 8082CC\_120108  
LIMS File ID: GC20F-327-13

Sample Name: AL20797L

1 of 1



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|                    |                         |                    |                         |
|--------------------|-------------------------|--------------------|-------------------------|
| Sample Name:       | AL20797L                | Sample Amount (g): | 9.4970                  |
| Sample ID:         | LAB CONTROL SPIKE       | Dilution:          | 25                      |
| Date Acquired:     | 12/29/2008 13:26:27 EST | Extract Volume:    | 25                      |
| Project Name:      | PCB\GC20F_Sep_2008      | Date Processed:    | 12/30/2008 06:11:08 EST |
| Sample Set Name:   | GC20F_8082S_122908      | User Name:         | Kari Lantiegne (KariL)  |
| Processing Method: | GC20F_8082CC_120108     | Current Date:      | 12/30/2008              |
| Run Time:          | 30.0 Minutes            | Current Time:      | 06:19:46 US/Eastern     |
| Report Name:       | Solid_ugg_LIMS_PQL      | LIMS File ID:      | GC20F-327-13            |

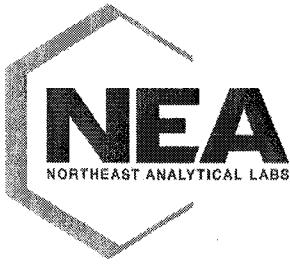
#### Peak Results

|   | Peak Name | Ret. Time (min) | Integration Type | Area (uV*sec) | Solution Conc. ng/mL | TCMX % Rec. | DCBP % Rec. |
|---|-----------|-----------------|------------------|---------------|----------------------|-------------|-------------|
| 1 | TCMX      | 5.88            | bb               | 1999          | 8.670                | 86.7        |             |
| 2 | PCB-6     | 7.47            | bV               | 2085          |                      |             |             |
| 3 | PCB-7     | 7.84            | bb               | 2139          |                      |             |             |
| 4 | PCB-8     | 8.46            | bB               | 7028          |                      |             |             |
| 5 | PCB-9     | 8.66            | BB               | 2943          |                      |             |             |
| 6 | PCB-10    | 8.80            | Bb               | 1989          |                      |             |             |
| 7 | DCBP      | 24.56           | bb               | 21520         | 103.029              |             | 103         |

#### Group Results

|   | Group Name | Group Area (uV*sec) | Solution Conc. ng/mL | Amount ug/g | PQL ug/g | Report | Note |
|---|------------|---------------------|----------------------|-------------|----------|--------|------|
| 1 | A1016      | 16184               | 372.461              | 0.98047     | 0.0526   | NR     |      |
| 2 | A1232      | 14099               | 657.352              | 1.73042     | 0.0526   | NR     |      |
| 3 | A1232-8/9  | 4128                | 422.217              | 1.11145     | 0.0526   | NR     |      |
| 4 | A1242      | 16184               | 441.570              | 1.16239     | 0.0526   | X      |      |

# Certificates of Analysis



**CERTIFICATE OF ANALYSIS**  
**12/30/2008**  
**CAMP, DRESSER & MCKEE**  
**ONE WOODWARD AVE., SUITE 1500**  
**DETROIT, MI 48226**  
**CONTACT: TODD KING**

**CUSTOMER ID:** P2SD-26A-01  
**MATRIX:** SEDIMENT  
**DATE RECEIVED:** 12/18/2008    **TIME:** 10:01  
**SAMPLED BY:** A. SANTINI  
**CUSTOMER PO:** N/A

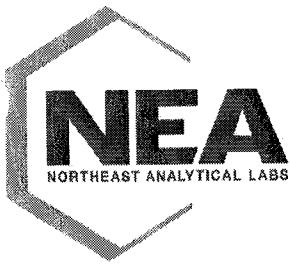
**NEA ID:** AL20816    **NEA LRF:** 08120165-01  
**DATE SAMPLED:** 12/11/2008    **TIME:** 09:45  
**PROJECT:** PLAINWELL DAM #2 INVESTIGATION  
**LOCATION:** KALAMAZOO, MI  
**LAB ELAP#:** 11078

| PARAMETER PERFORMED                | RESULTS | PQL   | UNITS | DATE ANALYZED | FLAGS |
|------------------------------------|---------|-------|-------|---------------|-------|
| <b>SW-846 8082 (PCB)</b>           |         |       |       |               |       |
| Aroclor 1016                       | ND      | 0.111 | ug/g  | 12/27/2008    | U     |
| Aroclor 1221                       | ND      | 0.111 | ug/g  | 12/27/2008    | U     |
| Aroclor 1232                       | ND      | 0.111 | ug/g  | 12/27/2008    | U     |
| Aroclor 1242                       | ND      | 0.111 | ug/g  | 12/27/2008    | U     |
| Aroclor 1248                       | ND      | 0.111 | ug/g  | 12/27/2008    | U     |
| Aroclor 1254                       | ND      | 0.111 | ug/g  | 12/27/2008    | U     |
| Aroclor 1260                       | ND      | 0.111 | ug/g  | 12/27/2008    | U     |
| Total PCB Amount > Reporting Limit | ND      |       |       |               |       |

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.  
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AUTHORIZED SIGNATURE:

William A. Kotas  
Sr. Laboratory Representative  
Robert E. Wagner  
Laboratory Director



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**12/30/2008**  
**CAMP, DRESSER & MCKEE**  
**ONE WOODWARD AVE., SUITE 1500**  
**DETROIT, MI 48226**  
**CONTACT: TODD KING**

**CUSTOMER ID:** P2SD-26B-01  
**MATRIX:** SEDIMENT  
**DATE RECEIVED:** 12/18/2008 **TIME:** 10:01  
**SAMPLED BY:** A. SANTINI  
**CUSTOMER PO:** N/A

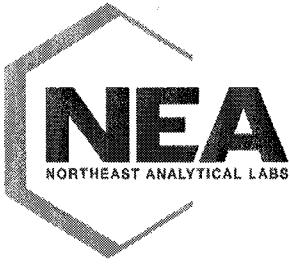
**NEA ID:** AL20817 **NEA LRF:** 08120165-02  
**DATE SAMPLED:** 12/11/2008 **TIME:** 09:45  
**PROJECT:** PLAINWELL DAM #2 INVESTIGATION  
**LOCATION:** KALAMAZOO, MI  
**LAB ELAP#:** 11078

| PARAMETER PERFORMED                | RESULTS | PQL    | UNITS | DATE ANALYZED | FLAGS |
|------------------------------------|---------|--------|-------|---------------|-------|
| <b>SW-846 8082 (PCB)</b>           |         |        |       |               |       |
| Aroclor 1016                       | ND      | 0.0980 | ug/g  | 12/27/2008    | U     |
| Aroclor 1221                       | ND      | 0.0980 | ug/g  | 12/27/2008    | U     |
| Aroclor 1232                       | ND      | 0.0980 | ug/g  | 12/27/2008    | U     |
| Aroclor 1242                       | ND      | 0.0980 | ug/g  | 12/27/2008    | U     |
| Aroclor 1248                       | ND      | 0.0980 | ug/g  | 12/27/2008    | U     |
| Aroclor 1254                       | ND      | 0.0980 | ug/g  | 12/27/2008    | U     |
| Aroclor 1260                       | ND      | 0.0980 | ug/g  | 12/27/2008    | U     |
| Total PCB Amount > Reporting Limit | ND      |        |       |               |       |

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.  
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AUTHORIZED SIGNATURE:

William A. Kotas  
Sr. Laboratory Representative  
Robert E. Wagner  
Laboratory Director



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ONE WOODWARD AVE., SUITE 1500  
DETROIT, MI 48226  
CONTACT: TODD KING

**CUSTOMER ID:** P2SD-26C-01  
**MATRIX:** SEDIMENT  
**DATE RECEIVED:** 12/18/2008 **TIME:** 10:01  
**SAMPLED BY:** A. SANTINI  
**CUSTOMER PO:** N/A

**NEA ID:** AL20818 **NEA LRF:** 08120165-03  
**DATE SAMPLED:** 12/11/2008 **TIME:** 09:45  
**PROJECT:** PLAINWELL DAM #2 INVESTIGATION  
**LOCATION:** KALAMAZOO, MI  
**LAB ELAP#:** 11078

| PARAMETER PERFORMED                | RESULTS | PQL   | UNITS | DATE ANALYZED | FLAGS |
|------------------------------------|---------|-------|-------|---------------|-------|
| <b>SW-846 8082 (PCB)</b>           |         |       |       |               |       |
| Aroclor 1016                       | ND      | 0.117 | ug/g  | 12/27/2008    | U     |
| Aroclor 1221                       | ND      | 0.117 | ug/g  | 12/27/2008    | U     |
| Aroclor 1232                       | ND      | 0.117 | ug/g  | 12/27/2008    | U     |
| Aroclor 1242                       | ND      | 0.117 | ug/g  | 12/27/2008    | U     |
| Aroclor 1248                       | ND      | 0.117 | ug/g  | 12/27/2008    | U     |
| Aroclor 1254                       | ND      | 0.117 | ug/g  | 12/27/2008    | U     |
| Aroclor 1260                       | ND      | 0.117 | ug/g  | 12/27/2008    | U     |
| Total PCB Amount > Reporting Limit | ND      |       |       |               | U     |

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.  
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AUTHORIZED SIGNATURE:

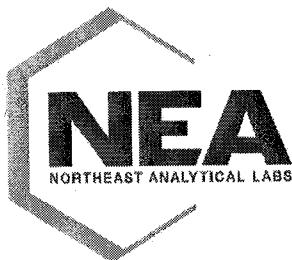
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Sr. Laboratory Representative

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Laboratory Director

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**ONE WOODWARD AVE., SUITE 1500**  
**DETROIT, MI 48226**  
**CONTACT: TODD KING**

**CUSTOMER ID:** P2SD-26B-03  
**MATRIX:** SEDIMENT  
**DATE RECEIVED:** 12/18/2008 **TIME:** 10:01  
**SAMPLED BY:** A. SANTINI  
**CUSTOMER PO:** N/A

**NEA ID:** AL20819 **NEA LRF:** 08120165-04  
**DATE SAMPLED:** 12/11/2008 **TIME:** 09:45  
**PROJECT:** PLAINWELL DAM #2 INVESTIGATION  
**LOCATION:** KALAMAZOO, MI  
**LAB ELAP#:** 11078

| PARAMETER PERFORMED                | RESULTS | PQL   | UNITS | DATE ANALYZED | FLAGS |
|------------------------------------|---------|-------|-------|---------------|-------|
| <b>SW-846 8082 (PCB)</b>           |         |       |       |               |       |
| Aroclor 1016                       | ND      | 0.108 | ug/g  | 12/27/2008    | U     |
| Aroclor 1221                       | ND      | 0.108 | ug/g  | 12/27/2008    | U     |
| Aroclor 1232                       | ND      | 0.108 | ug/g  | 12/27/2008    | U     |
| Aroclor 1242                       | 0.173   | 0.108 | ug/g  | 12/27/2008    | AD    |
| Aroclor 1248                       | ND      | 0.108 | ug/g  | 12/27/2008    | U     |
| Aroclor 1254                       | ND      | 0.108 | ug/g  | 12/27/2008    | U     |
| Aroclor 1260                       | ND      | 0.108 | ug/g  | 12/27/2008    | U     |
| Total PCB Amount > Reporting Limit | 0.173   |       |       |               |       |

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.

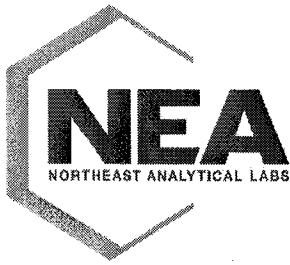
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AUTHORIZED SIGNATURE:

William A. Kotas  
Sr. Laboratory Representative

Robert E. Wagner  
Laboratory Director



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**DETROIT, MI 48226**  
**CONTACT: TODD KING**

**CUSTOMER ID:** P2SD-27A-01

**MATRIX:** SEDIMENT

**DATE RECEIVED:** 12/18/2008    **TIME:** 10:01

**SAMPLED BY:** A. SANTINI

**CUSTOMER PO:** N/A

**NEA ID:** AL20820    **NEA LRF:** 08120165-05

**DATE SAMPLED:** 12/11/2008    **TIME:** 10:00

**PROJECT:** PLAINWELL DAM #2 INVESTIGATION

**LOCATION:** KALAMAZOO, MI

**LAB ELAP#:** 11078

| PARAMETER PERFORMED                | RESULTS | PQL   | UNITS | DATE ANALYZED | FLAGS |
|------------------------------------|---------|-------|-------|---------------|-------|
| <b>SW-846 8082 (PCB)</b>           |         |       |       |               |       |
| Aroclor 1016                       | ND      | 0.101 | ug/g  | 12/27/2008    | U     |
| Aroclor 1221                       | ND      | 0.101 | ug/g  | 12/27/2008    | U     |
| Aroclor 1232                       | ND      | 0.101 | ug/g  | 12/27/2008    | U     |
| Aroclor 1242                       | ND      | 0.101 | ug/g  | 12/27/2008    | U     |
| Aroclor 1248                       | ND      | 0.101 | ug/g  | 12/27/2008    | U     |
| Aroclor 1254                       | ND      | 0.101 | ug/g  | 12/27/2008    | U     |
| Aroclor 1260                       | ND      | 0.101 | ug/g  | 12/27/2008    | U     |
| Total PCB Amount > Reporting Limit | ND      |       |       |               | U     |

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AUTHORIZED SIGNATURE:

A handwritten signature in black ink, appearing to read "William A. Kotas".

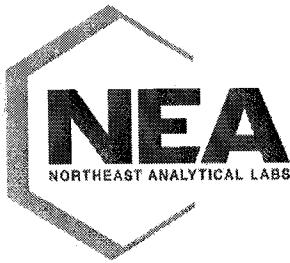
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Sr. Laboratory Representative

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Laboratory Director

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**DETROIT, MI 48226**  
**CONTACT: TODD KING**

**CUSTOMER ID:** P2SL-28A-01  
**MATRIX:** SOIL  
**DATE RECEIVED:** 12/18/2008    **TIME:** 10:01  
**SAMPLED BY:** A. SANTINI  
**CUSTOMER PO:** N/A

**NEA ID:** AL20821    **NEA LRF:** 08120165-06  
**DATE SAMPLED:** 12/11/2008    **TIME:** 10:05  
**PROJECT:** PLAINWELL DAM #2 INVESTIGATION  
**LOCATION:** KALAMAZOO, MI  
**LAB ELAP#:** 11078

| PARAMETER PERFORMED                | RESULTS | PQL   | UNITS | DATE ANALYZED | FLAGS |
|------------------------------------|---------|-------|-------|---------------|-------|
| <b>SW-846 8082 (PCB)</b>           |         |       |       |               |       |
| Aroclor 1016                       | ND      | 0.302 | ug/g  | 12/27/2008    | U     |
| Aroclor 1221                       | ND      | 0.302 | ug/g  | 12/27/2008    | U     |
| Aroclor 1232                       | ND      | 0.302 | ug/g  | 12/27/2008    | U     |
| Aroclor 1242                       | 1.27    | 0.302 | ug/g  | 12/27/2008    | AD    |
| Aroclor 1248                       | ND      | 0.302 | ug/g  | 12/27/2008    | U     |
| Aroclor 1254                       | 4.70    | 0.302 | ug/g  | 12/27/2008    | AF    |
| Aroclor 1260                       | ND      | 0.302 | ug/g  | 12/27/2008    | U     |
| Total PCB Amount > Reporting Limit | 5.97    |       |       |               |       |

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

**AUTHORIZED SIGNATURE:**

William A. Kotas  
Sr. Laboratory Representative

Robert E. Wagner  
Laboratory Director



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CONTACT: TODD KING

**CUSTOMER ID:** P2SL-28B-01  
**MATRIX:** SOIL  
**DATE RECEIVED:** 12/18/2008 **TIME:** 10:01  
**SAMPLED BY:** A. SANTINI  
**CUSTOMER PO:** N/A

**NEA ID:** AL20822 **NEA LRF:** 08120165-07  
**DATE SAMPLED:** 12/11/2008 **TIME:** 10:05  
**PROJECT:** PLAINWELL DAM #2 INVESTIGATION  
**LOCATION:** KALAMAZOO, MI  
**LAB ELAP#:** 11078

| PARAMETER PERFORMED                | RESULTS | PQL   | UNITS | DATE ANALYZED | FLAGS |
|------------------------------------|---------|-------|-------|---------------|-------|
| <b>SW-846 8082 (PCB)</b>           |         |       |       |               |       |
| Aroclor 1016                       | ND      | 0.101 | ug/g  | 12/27/2008    | U     |
| Aroclor 1221                       | ND      | 0.101 | ug/g  | 12/27/2008    | U     |
| Aroclor 1232                       | ND      | 0.101 | ug/g  | 12/27/2008    | U     |
| Aroclor 1242                       | ND      | 0.101 | ug/g  | 12/27/2008    | U     |
| Aroclor 1248                       | 0.123   | 0.101 | ug/g  | 12/27/2008    | PE    |
| Aroclor 1254                       | ND      | 0.101 | ug/g  | 12/27/2008    | U     |
| Aroclor 1260                       | ND      | 0.101 | ug/g  | 12/27/2008    | U     |
| Total PCB Amount > Reporting Limit | 0.123   |       |       |               |       |

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

PE-Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCB present in sample that has undergone environmental alteration.

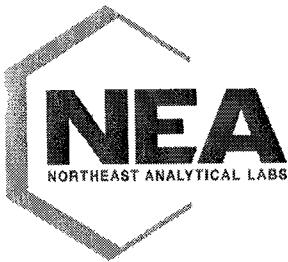
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**CONTACT: TODD KING**

**CUSTOMER ID:** P2SD-29A-01  
**MATRIX:** SEDIMENT  
**DATE RECEIVED:** 12/18/2008    **TIME:** 10:01  
**SAMPLED BY:** A. SANTINI  
**CUSTOMER PO:** N/A

**NEA ID:** AL20823    **NEA LRF:** 08120165-08  
**DATE SAMPLED:** 12/11/2008    **TIME:** 10:30  
**PROJECT:** PLAINWELL DAM #2 INVESTIGATION  
**LOCATION:** KALAMAZOO, MI  
**LAB ELAP#:** 11078

| PARAMETER PERFORMED                | RESULTS | PQL   | UNITS | DATE ANALYZED | FLAGS |
|------------------------------------|---------|-------|-------|---------------|-------|
| <b>SW-846 8082 (PCB)</b>           |         |       |       |               |       |
| Aroclor 1016                       | ND      | 0.101 | ug/g  | 12/27/2008    | U     |
| Aroclor 1221                       | ND      | 0.101 | ug/g  | 12/27/2008    | U     |
| Aroclor 1232                       | ND      | 0.101 | ug/g  | 12/27/2008    | U     |
| Aroclor 1242                       | ND      | 0.101 | ug/g  | 12/27/2008    | U     |
| Aroclor 1248                       | ND      | 0.101 | ug/g  | 12/27/2008    | U     |
| Aroclor 1254                       | ND      | 0.101 | ug/g  | 12/27/2008    | U     |
| Aroclor 1260                       | ND      | 0.101 | ug/g  | 12/27/2008    | U     |
| Total PCB Amount > Reporting Limit | ND      |       |       |               | U     |

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.  
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AUTHORIZED SIGNATURE:

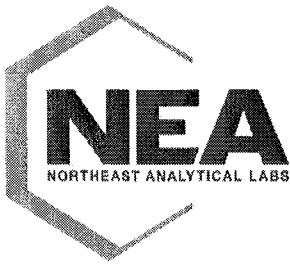
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**DETROIT, MI 48226**  
**CONTACT: TODD KING**

**CUSTOMER ID:** P2SD-29B-01

**MATRIX:** SEDIMENT

**DATE RECEIVED:** 12/18/2008    **TIME:** 10:01

**SAMPLED BY:** A. SANTINI

**CUSTOMER PO:** N/A

**NEA ID:** AL20824    **NEA LRF:** 08120165-09

**DATE SAMPLED:** 12/11/2008    **TIME:** 10:30

**PROJECT:** PLAINWELL DAM #2 INVESTIGATION

**LOCATION:** KALAMAZOO, MI

**LAB ELAP#:** 11078

| PARAMETER PERFORMED                | RESULTS | PQL   | UNITS | DATE ANALYZED | FLAGS |
|------------------------------------|---------|-------|-------|---------------|-------|
| <b>SW-846 8082 (PCB)</b>           |         |       |       |               |       |
| Aroclor 1016                       | ND      | 0.110 | ug/g  | 12/27/2008    | U     |
| Aroclor 1221                       | ND      | 0.110 | ug/g  | 12/27/2008    | U     |
| Aroclor 1232                       | ND      | 0.110 | ug/g  | 12/27/2008    | U     |
| Aroclor 1242                       | ND      | 0.110 | ug/g  | 12/27/2008    | U     |
| Aroclor 1248                       | ND      | 0.110 | ug/g  | 12/27/2008    | U     |
| Aroclor 1254                       | ND      | 0.110 | ug/g  | 12/27/2008    | U     |
| Aroclor 1260                       | ND      | 0.110 | ug/g  | 12/27/2008    | U     |
| Total PCB Amount > Reporting Limit | ND      |       |       |               | U     |

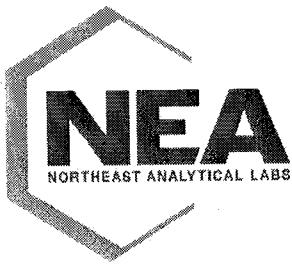
Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AUTHORIZED SIGNATURE:

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Sr. Laboratory Representative

Robert E. Wagner  
Laboratory Director



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DETROIT, MI 48226  
CONTACT: TODD KING

**CUSTOMER ID:** P2SD-30A-01  
**MATRIX:** SEDIMENT  
**DATE RECEIVED:** 12/18/2008 **TIME:** 10:01  
**SAMPLED BY:** A. SANTINI  
**CUSTOMER PO:** N/A

**NEA ID:** AL20825 **NEA LRF:** 08120165-10  
**DATE SAMPLED:** 12/11/2008 **TIME:** 10:35  
**PROJECT:** PLAINWELL DAM #2 INVESTIGATION  
**LOCATION:** KALAMAZOO, MI  
**LAB ELAP#:** 11078

| PARAMETER PERFORMED                | RESULTS | PQL  | UNITS | DATE ANALYZED | FLAGS |
|------------------------------------|---------|------|-------|---------------|-------|
| <b>SW-846 8082 (PCB)</b>           |         |      |       |               |       |
| Aroclor 1016                       | ND      | 3.50 | ug/g  | 12/27/2008    | U     |
| Aroclor 1221                       | ND      | 3.50 | ug/g  | 12/27/2008    | U     |
| Aroclor 1232                       | ND      | 3.50 | ug/g  | 12/27/2008    | U     |
| Aroclor 1242                       | 28.1    | 3.50 | ug/g  | 12/27/2008    | AD    |
| Aroclor 1248                       | ND      | 3.50 | ug/g  | 12/27/2008    | U     |
| Aroclor 1254                       | 21.6    | 3.50 | ug/g  | 12/27/2008    | AF    |
| Aroclor 1260                       | ND      | 3.50 | ug/g  | 12/27/2008    | U     |
| Total PCB Amount > Reporting Limit | 49.7    |      |       |               |       |

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AUTHORIZED SIGNATURE:

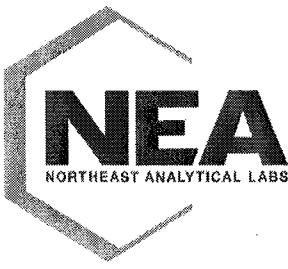
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Sr. Laboratory Representative

Robert E. Wagner  
Laboratory Director

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**DETROIT, MI 48226**  
**CONTACT: TODD KING**

**CUSTOMER ID:** P2SD-30B-01  
**MATRIX:** SEDIMENT  
**DATE RECEIVED:** 12/18/2008    **TIME:** 10:01  
**SAMPLED BY:** A. SANTINI  
**CUSTOMER PO:** N/A

**NEA ID:** AL20826    **NEA LRF:** 08120165-11  
**DATE SAMPLED:** 12/11/2008    **TIME:** 10:35  
**PROJECT:** PLAINWELL DAM #2 INVESTIGATION  
**LOCATION:** KALAMAZOO, MI  
**LAB ELAP#:** 11078

| PARAMETER PERFORMED                | RESULTS | PQL  | UNITS | DATE ANALYZED | FLAGS |
|------------------------------------|---------|------|-------|---------------|-------|
| <b>SW-846 8082 (PCB)</b>           |         |      |       |               |       |
| Aroclor 1016                       | ND      | 3.03 | ug/g  | 12/27/2008    | U     |
| Aroclor 1221                       | ND      | 3.03 | ug/g  | 12/27/2008    | U     |
| Aroclor 1232                       | ND      | 3.03 | ug/g  | 12/27/2008    | U     |
| Aroclor 1242                       | 20.5    | 3.03 | ug/g  | 12/27/2008    | AD    |
| Aroclor 1248                       | ND      | 3.03 | ug/g  | 12/27/2008    | U     |
| Aroclor 1254                       | 15.1    | 3.03 | ug/g  | 12/27/2008    | AF    |
| Aroclor 1260                       | ND      | 3.03 | ug/g  | 12/27/2008    | U     |
| Total PCB Amount > Reporting Limit | 35.6    |      |       |               |       |

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

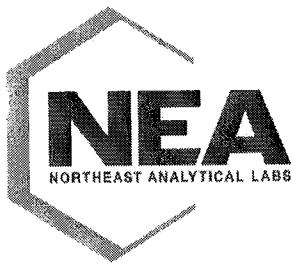
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

**AUTHORIZED SIGNATURE:**

William A. Kotas  
Sr. Laboratory Representative

Robert E. Wagner  
Laboratory Director



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**DETROIT, MI 48226**  
**CONTACT: TODD KING**

**CUSTOMER ID:** P2SL-31A-01  
**MATRIX:** SOIL  
**DATE RECEIVED:** 12/18/2008    **TIME:** 10:01  
**SAMPLED BY:** A. SANTINI  
**CUSTOMER PO:** N/A

**NEA ID:** AL20827    **NEA LRF:** 08120165-12  
**DATE SAMPLED:** 12/11/2008    **TIME:** 10:45  
**PROJECT:** PLAINWELL DAM #2 INVESTIGATION  
**LOCATION:** KALAMAZOO, MI  
**LAB ELAP#:** 11078

| PARAMETER PERFORMED                | RESULTS | PQL   | UNITS | DATE ANALYZED | FLAGS |
|------------------------------------|---------|-------|-------|---------------|-------|
| <b>SW-846 8082 (PCB)</b>           |         |       |       |               |       |
| Aroclor 1016                       | ND      | 0.760 | ug/g  | 12/27/2008    | U     |
| Aroclor 1221                       | ND      | 0.760 | ug/g  | 12/27/2008    | U     |
| Aroclor 1232                       | ND      | 0.760 | ug/g  | 12/27/2008    | U     |
| Aroclor 1242                       | 3.56    | 0.760 | ug/g  | 12/27/2008    | AD    |
| Aroclor 1248                       | ND      | 0.760 | ug/g  | 12/27/2008    | U     |
| Aroclor 1254                       | 3.55    | 0.760 | ug/g  | 12/27/2008    | AF    |
| Aroclor 1260                       | ND      | 0.760 | ug/g  | 12/27/2008    | U     |
| Total PCB Amount > Reporting Limit | 7.11    |       |       |               |       |

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

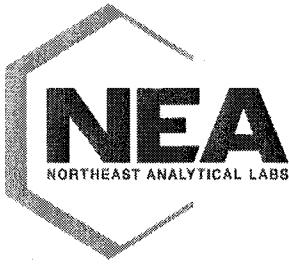
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

**AUTHORIZED SIGNATURE:**

William A. Kotas  
Sr. Laboratory Representative

Robert E. Wagner  
Laboratory Director



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**DETROIT, MI 48226**  
**CONTACT: TODD KING**

**CUSTOMER ID:** P2SD-32A-01      **NEA ID:** AL20828      **NEA LRF:** 08120165-13  
**MATRIX:** SOIL      **DATE SAMPLED:** 12/11/2008      **TIME:** 10:55  
**DATE RECEIVED:** 12/18/2008      **TIME:** 10:01      **PROJECT:** PLAINWELL DAM #2 INVESTIGATION  
**SAMPLED BY:** A. SANTINI      **LOCATION:** KALAMAZOO, MI  
**CUSTOMER PO:** N/A      **LAB ELAP#:** 11078

| PARAMETER PERFORMED                | RESULTS | PQL    | UNITS | DATE ANALYZED | FLAGS |
|------------------------------------|---------|--------|-------|---------------|-------|
| <b>SW-846 8082 (PCB)</b>           |         |        |       |               |       |
| Aroclor 1016                       | ND      | 0.0736 | ug/g  | 12/27/2008    | U     |
| Aroclor 1221                       | ND      | 0.0736 | ug/g  | 12/27/2008    | U     |
| Aroclor 1232                       | ND      | 0.0736 | ug/g  | 12/27/2008    | U     |
| Aroclor 1242                       | ND      | 0.0736 | ug/g  | 12/27/2008    | U     |
| Aroclor 1248                       | 0.0990  | 0.0736 | ug/g  | 12/27/2008    | PE    |
| Aroclor 1254                       | ND      | 0.0736 | ug/g  | 12/27/2008    | U     |
| Aroclor 1260                       | ND      | 0.0736 | ug/g  | 12/27/2008    | U     |
| Total PCB Amount > Reporting Limit | 0.0990  |        |       |               |       |

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.  
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

PE-Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCB present in sample that has undergone environmental alteration.

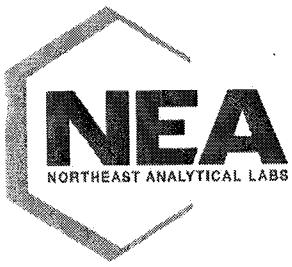
AUTHORIZED SIGNATURE:

William A. Kotas  
Sr. Laboratory Representative  
Robert E. Wagner  
Laboratory Director

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**ONE WOODWARD AVE., SUITE 1500**  
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**CONTACT: TODD KING**

**CUSTOMER ID:** P2SD-33A-01  
**MATRIX:** SEDIMENT  
**DATE RECEIVED:** 12/18/2008 **TIME:** 10:01  
**SAMPLED BY:** A. SANTINI  
**CUSTOMER PO:** N/A

**NEA ID:** AL20829      **NEA LRF:** 08120165-14  
**DATE SAMPLED:** 12/11/2008      **TIME:** 11:10  
**PROJECT:** PLAINWELL DAM #2 INVESTIGATION  
**LOCATION:** KALAMAZOO, MI  
**LAB ELAP#:** 11078

| PARAMETER PERFORMED                | RESULTS | PQL   | UNITS | DATE ANALYZED | FLAGS |
|------------------------------------|---------|-------|-------|---------------|-------|
| <b>SW-846 8082 (PCB)</b>           |         |       |       |               |       |
| Aroclor 1016                       | ND      | 0.131 | ug/g  | 12/27/2008    | U     |
| Aroclor 1221                       | ND      | 0.131 | ug/g  | 12/27/2008    | U     |
| Aroclor 1232                       | ND      | 0.131 | ug/g  | 12/27/2008    | U     |
| Aroclor 1242                       | 0.131   | 0.131 | ug/g  | 12/27/2008    | AD    |
| Aroclor 1248                       | ND      | 0.131 | ug/g  | 12/27/2008    | U     |
| Aroclor 1254                       | ND      | 0.131 | ug/g  | 12/27/2008    | U     |
| Aroclor 1260                       | ND      | 0.131 | ug/g  | 12/27/2008    | U     |
| Total PCB Amount > Reporting Limit | 0.131   |       |       |               |       |

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.

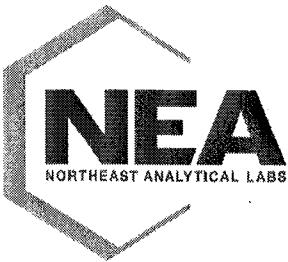
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AUTHORIZED SIGNATURE:

William A. Kotas  
Sr. Laboratory Representative

Robert E. Wagner  
Laboratory Director



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**CONTACT: TODD KING**

**CUSTOMER ID:** P2SD-33B-01  
**MATRIX:** SEDIMENT  
**DATE RECEIVED:** 12/18/2008    **TIME:** 10:01  
**SAMPLED BY:** A. SANTINI  
**CUSTOMER PO:** N/A

**NEA ID:** AL20830    **NEA LRF:** 08120165-15  
**DATE SAMPLED:** 12/11/2008    **TIME:** 11:10  
**PROJECT:** PLAINWELL DAM #2 INVESTIGATION  
**LOCATION:** KALAMAZOO, MI  
**LAB ELAP#:** 11078

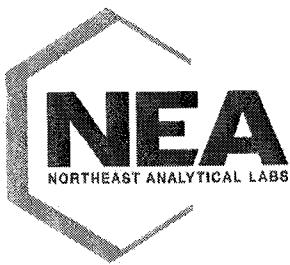
| PARAMETER PERFORMED                | RESULTS | PQL   | UNITS | DATE ANALYZED | FLAGS |
|------------------------------------|---------|-------|-------|---------------|-------|
| <b>SW-846 8082 (PCB)</b>           |         |       |       |               |       |
| Aroclor 1016                       | ND      | 0.100 | ug/g  | 12/27/2008    | U     |
| Aroclor 1221                       | ND      | 0.100 | ug/g  | 12/27/2008    | U     |
| Aroclor 1232                       | ND      | 0.100 | ug/g  | 12/27/2008    | U     |
| Aroclor 1242                       | ND      | 0.100 | ug/g  | 12/27/2008    | U     |
| Aroclor 1248                       | ND      | 0.100 | ug/g  | 12/27/2008    | U     |
| Aroclor 1254                       | ND      | 0.100 | ug/g  | 12/27/2008    | U     |
| Aroclor 1260                       | ND      | 0.100 | ug/g  | 12/27/2008    | U     |
| Total PCB Amount > Reporting Limit | ND      |       |       |               | U     |

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.  
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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William A. Kotas  
Sr. Laboratory Representative

Robert E. Wagner  
Laboratory Director



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**CONTACT: TODD KING**

**CUSTOMER ID:** P2SD-34A-01  
**MATRIX:** SEDIMENT  
**DATE RECEIVED:** 12/18/2008    **TIME:** 10:01  
**SAMPLED BY:** A. SANTINI  
**CUSTOMER PO:** N/A

**NEA ID:** AL20831    **NEA LRF:** 08120165-16  
**DATE SAMPLED:** 12/11/2008    **TIME:** 11:20  
**PROJECT:** PLAINWELL DAM #2 INVESTIGATION  
**LOCATION:** KALAMAZOO, MI  
**LAB ELAP#:** 11078

| PARAMETER PERFORMED                | RESULTS | PQL   | UNITS | DATE ANALYZED | FLAGS |
|------------------------------------|---------|-------|-------|---------------|-------|
| <b>SW-846 8082 (PCB)</b>           |         |       |       |               |       |
| Aroclor 1016                       | ND      | 0.240 | ug/g  | 12/27/2008    | U     |
| Aroclor 1221                       | ND      | 0.240 | ug/g  | 12/27/2008    | U     |
| Aroclor 1232                       | ND      | 0.240 | ug/g  | 12/27/2008    | U     |
| Aroclor 1242                       | 0.916   | 0.240 | ug/g  | 12/27/2008    | AD    |
| Aroclor 1248                       | ND      | 0.240 | ug/g  | 12/27/2008    | U     |
| Aroclor 1254                       | 2.77    | 0.240 | ug/g  | 12/27/2008    | AF    |
| Aroclor 1260                       | 0.504   | 0.240 | ug/g  | 12/27/2008    | AG    |
| Total PCB Amount > Reporting Limit | 4.190   |       |       |               |       |

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

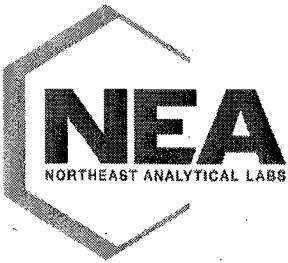
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AG-Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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William A. Kotas  
Sr. Laboratory Representative  
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**CUSTOMER ID:** P2SD-34B-01      **NEA ID:** AL20832      **NEA LRF:** 08120165-17  
**MATRIX:** SEDIMENT      **DATE SAMPLED:** 12/11/2008      **TIME:** 11:20  
**DATE RECEIVED:** 12/18/2008      **TIME:** 10:01      **PROJECT:** PLAINWELL DAM #2 INVESTIGATION  
**SAMPLED BY:** A. SANTINI      **LOCATION:** KALAMAZOO, MI  
**CUSTOMER PO:** N/A      **LAB ELAP#:** 11078

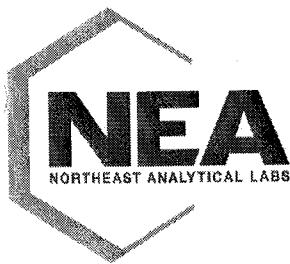
| PARAMETER PERFORMED                | RESULTS | PQL    | UNITS | DATE ANALYZED | FLAGS |
|------------------------------------|---------|--------|-------|---------------|-------|
| <b>SW-846 8082 (PCB)</b>           |         |        |       |               |       |
| Aroclor 1016                       | ND      | 0.0921 | ug/g  | 12/29/2008    | U     |
| Aroclor 1221                       | ND      | 0.0921 | ug/g  | 12/29/2008    | U     |
| Aroclor 1232                       | ND      | 0.0921 | ug/g  | 12/29/2008    | U     |
| Aroclor 1242                       | ND      | 0.0921 | ug/g  | 12/29/2008    | U     |
| Aroclor 1248                       | ND      | 0.0921 | ug/g  | 12/29/2008    | U     |
| Aroclor 1254                       | ND      | 0.0921 | ug/g  | 12/29/2008    | U     |
| Aroclor 1260                       | ND      | 0.0921 | ug/g  | 12/29/2008    | U     |
| Total PCB Amount > Reporting Limit | ND      |        |       |               | U     |

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.  
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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William A. Kotas  
Sr. Laboratory Representative

Robert E. Wagner  
Laboratory Director



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**CONTACT: TODD KING**

**CUSTOMER ID:** P2SD-35A-01      **NEA ID:** AL20833      **NEA LRF:** 08120165-18  
**MATRIX:** SEDIMENT      **DATE SAMPLED:** 12/11/2008      **TIME:** 11:45  
**DATE RECEIVED:** 12/18/2008      **TIME:** 10:01      **PROJECT:** PLAINWELL DAM #2 INVESTIGATION  
**SAMPLED BY:** A. SANTINI      **LOCATION:** KALAMAZOO, MI  
**CUSTOMER PO:** N/A      **LAB ELAP#:** 11078

| PARAMETER PERFORMED                | RESULTS | PQL   | UNITS | DATE ANALYZED | FLAGS |
|------------------------------------|---------|-------|-------|---------------|-------|
| <b>SW-846 8082 (PCB)</b>           |         |       |       |               |       |
| Aroclor 1016                       | ND      | 0.207 | ug/g  | 12/27/2008    | U     |
| Aroclor 1221                       | ND      | 0.207 | ug/g  | 12/27/2008    | U     |
| Aroclor 1232                       | ND      | 0.207 | ug/g  | 12/27/2008    | U     |
| Aroclor 1242                       | 0.641   | 0.207 | ug/g  | 12/27/2008    | AD    |
| Aroclor 1248                       | ND      | 0.207 | ug/g  | 12/27/2008    | U     |
| Aroclor 1254                       | 1.53    | 0.207 | ug/g  | 12/27/2008    | AF    |
| Aroclor 1260                       | 0.327   | 0.207 | ug/g  | 12/27/2008    | AG    |
| Total PCB Amount > Reporting Limit | 2.498   |       |       |               |       |

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.  
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.  
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.  
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.  
AG-Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

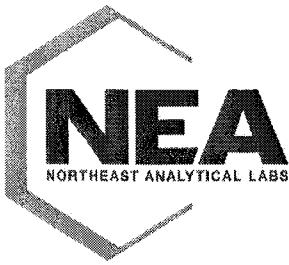
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**DETROIT, MI 48226**  
**CONTACT: TODD KING**

**CUSTOMER ID:** P2SL-36A-01  
**MATRIX:** SOIL  
**DATE RECEIVED:** 12/18/2008    **TIME:** 10:01  
**SAMPLED BY:** A. SANTINI  
**CUSTOMER PO:** N/A

**NEA ID:** AL20834    **NEA LRF:** 08120165-19  
**DATE SAMPLED:** 12/11/2008    **TIME:** 12:00  
**PROJECT:** PLAINWELL DAM #2 INVESTIGATION  
**LOCATION:** KALAMAZOO, MI  
**LAB ELAP#:** 11078

| PARAMETER PERFORMED                | RESULTS | PQL  | UNITS | DATE ANALYZED | FLAGS |
|------------------------------------|---------|------|-------|---------------|-------|
| <b>SW-846 8082 (PCB)</b>           |         |      |       |               |       |
| Aroclor 1016                       | ND      | 3.07 | ug/g  | 12/27/2008    | U     |
| Aroclor 1221                       | ND      | 3.07 | ug/g  | 12/27/2008    | U     |
| Aroclor 1232                       | ND      | 3.07 | ug/g  | 12/27/2008    | U     |
| Aroclor 1242                       | 35.7    | 3.07 | ug/g  | 12/27/2008    | AD    |
| Aroclor 1248                       | ND      | 3.07 | ug/g  | 12/27/2008    | U     |
| Aroclor 1254                       | 11.0    | 3.07 | ug/g  | 12/27/2008    | AF    |
| Aroclor 1260                       | ND      | 3.07 | ug/g  | 12/27/2008    | U     |
| Total PCB Amount > Reporting Limit | 46.7    |      |       |               |       |

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

**AUTHORIZED SIGNATURE:**

William A. Kotas  
Sr. Laboratory Representative

Robert E. Wagner  
Laboratory Director



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**DETROIT, MI 48226**  
**CONTACT: TODD KING**

**CUSTOMER ID:** P2SL-36B-01  
**MATRIX:** SOIL  
**DATE RECEIVED:** 12/18/2008    **TIME:** 10:01  
**SAMPLED BY:** A. SANTINI  
**CUSTOMER PO:** N/A

**NEA ID:** AL20835    **NEA LRF:** 08120165-20  
**DATE SAMPLED:** 12/11/2008    **TIME:** 12:00  
**PROJECT:** PLAINWELL DAM #2 INVESTIGATION  
**LOCATION:** KALAMAZOO, MI  
**LAB ELAP#:** 11078

| PARAMETER PERFORMED                | RESULTS | PQL  | UNITS | DATE ANALYZED | FLAGS |
|------------------------------------|---------|------|-------|---------------|-------|
| <b>SW-846 8082 (PCB)</b>           |         |      |       |               |       |
| Aroclor 1016                       | ND      | 4.68 | ug/g  | 12/27/2008    | U     |
| Aroclor 1221                       | ND      | 4.68 | ug/g  | 12/27/2008    | U     |
| Aroclor 1232                       | ND      | 4.68 | ug/g  | 12/27/2008    | U     |
| Aroclor 1242                       | 57.2    | 4.68 | ug/g  | 12/27/2008    | AD    |
| Aroclor 1248                       | ND      | 4.68 | ug/g  | 12/27/2008    | U     |
| Aroclor 1254                       | 9.18    | 4.68 | ug/g  | 12/27/2008    | AF    |
| Aroclor 1260                       | ND      | 4.68 | ug/g  | 12/27/2008    | U     |
| Total PCB Amount > Reporting Limit | 66.38   |      |       |               |       |

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

**AUTHORIZED SIGNATURE:**

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Sr. Laboratory Representative

Robert E. Wagner  
Laboratory Director

